



## Verification and certification report form for GS project activities

### VERIFICATION AND CERTIFICATION REPORT

|                                                                                                                              |                                                                                                                                                                                                 |
|------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Title of the project activity                                                                                                | Bergres Wind Power Project                                                                                                                                                                      |
| GS Reference number of the project activity                                                                                  | GS 5229                                                                                                                                                                                         |
| Version number of the verification and certification report                                                                  | 2.0Aa                                                                                                                                                                                           |
| Completion date of the verification and certification report                                                                 | 21/08/2025                                                                                                                                                                                      |
| Monitoring period number and duration of this monitoring period                                                              | 1 <sup>st</sup> Monitoring Period<br>(1 <sup>st</sup> Monitoring Period of the 2 <sup>nd</sup> Crediting Period)<br>21/04/2024 to 30/04/2025 (both days included)                               |
| Version number of monitoring report to which this report applies                                                             | Version 05 of 19/08/2025                                                                                                                                                                        |
| Crediting period of the project activity corresponding to this monitoring period                                             | 21/04/2024 - 20/04/2031                                                                                                                                                                         |
| Project participant(s)                                                                                                       | Bergres Elektrik Üretim A.Ş.<br>(Private Entity, Project Owner)                                                                                                                                 |
| Host Party                                                                                                                   | Türkiye                                                                                                                                                                                         |
| Sectoral scope(s), selected methodology(ies)                                                                                 | Sectoral scope 1: Energy Industries (Renewable-/non-renewable sources)<br>ACM0002 "Grid-connected electricity generation from renewable sources", Version 21.0                                  |
| Estimated GHG emission reductions or net anthropogenic GHG removals for this monitoring period in the revised registered PDD | 143,595 tCO <sub>2</sub> (SDG 13)                                                                                                                                                               |
| Certified GHG emission reductions or net anthropogenic GHG removals for this monitoring period                               | 148,501 tCO <sub>2</sub> (GS-VERs) (SDG 13)                                                                                                                                                     |
| Name of VVB                                                                                                                  | RINA Services S.p.A. (RINA)                                                                                                                                                                     |
| Name, position and signature of the approver of the verification and certification report                                    | <br>Laura Severino (Authorized officer signing for the VVB)<br>Decarb & Chain of Custody Product Management |

## **SECTION A. Executive summary**

### **Purpose and general description of the project**

Bergres Elektrik Üretim A.Ş. has proposed the development of a wind power plant with a capacity of 69.95 MWm/69.95 MWe in the district of Bergama district of Izmir, Turkey. The project consists of 21 turbines with 3.2 MWm/MWe capacity and 1 turbine with 2.75 MWm/MWe capacity.

This is the 2<sup>nd</sup> crediting period which started on 21/04/2024. The project activity is a wind power plant. The annual electricity production of the project is calculated as 215,423 MWh by taking the average of actual production data over six years [/1/](#). The generated electricity is fed to the Türkiye national grid. The estimated net electricity production is 215,423 MWh and the annual emission reductions are estimated to be 139,766 tCO<sub>2</sub> corresponding 143,595 tCO<sub>2</sub> for this monitoring period. Thus qualifies under large scale project per year as confirmed through the revised registered PDD [/1/](#).

The proposed project activity comprises of renewable energy generation from wind to energy to generate and deliver electricity to the national grid without thermal energy production. The project type is wind which is an eligible project type as it is in accordance with Eligible Project Types & Scope under Renewable Energy Activity Requirements. The project is located in Türkiye. Türkiye is upper middle-income economy where the penetration level of the proposed Renewable Energy Technology type is less than %5 of the total grid installed capacity, at the time of the first submission to Gold Standard (eligibility clause will come into effect from 24 Jan 2020). The project activity aims to reduce the greenhouse gas emissions in Türkiye by replacing fossil fuel power generation and contributing to the development of the wind energy sector in Türkiye, as well as aims to support the local economy by creating local employment and providing equipment locally.

The project activity aims to reduce the greenhouse gas emissions (GS VERs) in Türkiye by replacing fossil fuel power generation and contribute to the development of the renewable energy activities - wind energy sector in Türkiye, as well as aims to GHG Emissions Reduction & Sequestration and support the local economy by creating local employment and providing equipment locally.

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

### **Location**

The project activity is located located in Bergama district of Izmir, Turkey.

### **Scope of verification**

Verification is the periodic independent review and ex-post determination by a VVB 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 VVB that, during a specific period, a project activity achieved the emission reductions as verified. The objective of this verification is to verify and certify emission reductions reported for the Bergres Wind Power Project for the period 21/04/2024 to 30/04/2025.

The scope of the verification is to verify that:

- The project activity has been implemented and operated in accordance with the revised 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 assess 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 Bergres Elektrik Üretim A.Ş. has performed the verification of the emission reductions reported for the project activity Bergres Wind Power Project, GS Registration Reference No. 5229 for the monitoring period 21/04/2024 to 30/04/2025 regarding the relevant GS requirements and principles for project activities. The project was re-validated by RINA (Revision No. 3.0Aa of 23/09/2024) [/7/](#).

The GHG emission reductions are calculated on the basis of the approved methodology ACM0002 “Grid-connected electricity generation from renewable sources”, Version 21.0 [/6/](#) and the monitoring plan included in the registered PDD version 6 of 26/08/2024 [/1/](#). In our opinion the GHG emission reductions reported for the project in the monitoring report version 05 of 19/08/2025 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<br>(e.g. name of central or other office of VVB or outsourced entity) | Involvement in |                    |              |                       |
|-----|------------------------------------------------|------------------|-----------|------------|-----------------------------------------------------------------------------------|----------------|--------------------|--------------|-----------------------|
|     |                                                |                  |           |            |                                                                                   | Desk review    | On-site inspection | Interview(s) | Verification findings |
| 1.  | Team Leader, Verifier, Technical Expert TA 1.2 | IR               | ONARAN    | Ilayda     | RINA Türkiye                                                                      | ✓              | ✓                  | ✓            | ✓                     |

#### B.1.1. Re-validation team member

| No. | Role                                            | Type of resource | Last name | First name | Affiliation<br>(e.g. name of central or other office of VVB or outsourced entity) | Involvement in |                    |              |          |
|-----|-------------------------------------------------|------------------|-----------|------------|-----------------------------------------------------------------------------------|----------------|--------------------|--------------|----------|
|     |                                                 |                  |           |            |                                                                                   | Desk review    | On-site inspection | Interview(s) | findings |
| 1.  | Team Leader, Validator, Technical Expert TA 1.2 | IR               | ERDOĞAN   | Mehmet     | RINA Turkey                                                                       | ✓              | ✓                  | ✓            | ✓        |

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

| No. | Role               | Type of resource | Last name | First name | Affiliation<br>(e.g. name of central or other office of VVB or outsourced entity) |
|-----|--------------------|------------------|-----------|------------|-----------------------------------------------------------------------------------|
| 1.  | Technical reviewer | IR               | ERDOĞAN   | Mehmet     | RINA Türkiye                                                                      |
| 2.  | Approver           | IR               | SEVERINO  | Laura      | RINA HO                                                                           |

#### B.2.1. Technical reviewer of the re-validation report

| No. | Role               | Type of resource | Last name | First name | Affiliation<br>(e.g. name of central or other office of VVB or outsourced entity) |
|-----|--------------------|------------------|-----------|------------|-----------------------------------------------------------------------------------|
| 1.  | Technical reviewer | IR               | Carvalho  | Thaís      | RINA Brazil                                                                       |
| 2.  | Approver           | IR               | D'Angelo  | Giovanni   | RINA HO                                                                           |

## 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                    | Being 1 <sup>st</sup> verification of the 2 <sup>nd</sup> crediting period, the project proponent is familiar with monitoring procedures and data reporting in line with the revised registered PDD and previous verification and certification reports. 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 interviewed the staffs of the GS 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 confirm whether the data collection procedure and QA/QC procedure have been well implemented. |
| 2.  | Undue reliance on a poorly designed information system, which may have few effective quality controls.                                                                                                                                                                                                            | Low                    | Being 1 <sup>st</sup> verification of the 2 <sup>nd</sup> crediting period, 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 recorded activity levels.                                                                                                                                                                                                                                            | Low                    | As detailed in section C.2 below, the data of the main monitoring parameters are taken from calibrated meters (energy meter) and can be verified from totalizer values. The monitoring equipment's are calibrated according to national standards and rules. Hence, the risk level is low.                                                                                                                                     |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |
| 4   | An omission, misstatement, or erroneous reporting of information is material if it might lead, at an aggregated level, to an overestimation of the total GHG emission reductions or net anthropogenic GHG removals achieve by a registered CDM project activity equal to or higher than the following thresholds: | Low                    | 2 per cent of the emission reductions/removals for large-scale project activities achieving a total emission reduction of 300,000 tonnes of carbon dioxide equivalent per year or less                                                                                                                                                                                                                                         |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |

## **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 [/5/](#) and GS Validation and Verification Standard for Project Activities [/2/](#) 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 verification, the team reviewed the whole data set of monthly records for net electricity [/18/](#) and cross-checked with monthly meter records [/17/](#). The data reported in the monitoring report are consistent with the monthly records, and the emission reductions are correctly calculated. In conclusion, the verification team confirms the data set to be free from material error.

## SECTION D. Means of verification

### D.1. Desk review

The monitoring report version 05 of 19/08/2025 and previous versions /3/, the emission reduction calculations provided in the form of a spreadsheet “GS 5229 BERGRES WPP\_ER\_v3\_21082025.xlsx” version 3 of 21/08/2025 /8/, the approved baseline and monitoring methodology ACM0002 “Grid-connected electricity generation from renewable sources”, Version 21.0 of 02/11/2022 /6/ and all the documentation provided to support the monitoring period /1 – 28/, was assessed as part of the verification. In addition, the Project Design Document (PDD) version 6 of 26/08/2024 /1/, as regards the baseline estimations and the monitoring plan and the re-validation report version 3.0Aa of 23/09/2024 /7/ 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 / Site visit

| Duration of site visit: 02/07/2025 |                                                                                                                                                                                                                                                                                       |                |            |               |
|------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------|------------|---------------|
| 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 | Bergama, İzmir | 02/07/2025 | İlayda ONARAN |
| 2.                                 | Reviewed the information flows for generating, aggregating and reporting the monitoring parameters                                                                                                                                                                                    |                |            |               |
| 3.                                 | Checked calibration performance, reviewed calculations and assumptions made in determining the GHG data and emission reductions                                                                                                                                                       |                |            |               |
| 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                                                                                                                |                |            |               |
| 5.                                 | Cross-checked between information provided in the monitoring report and data evidence, including the Gold Standard parameters                                                                                                                                                         |                |            |               |

### D.3. Interviews

| No | Interview |            |                                    | Date       | Subject                                                                                                                                                                                                                                                                               | Team member   |
|----|-----------|------------|------------------------------------|------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------|
|    | Last name | First name | Affiliation                        |            |                                                                                                                                                                                                                                                                                       |               |
| 1  | Ç.        | Melis Ecem | Bergres WPP HSE Engineer           | 02/07/2025 | <ul style="list-style-type: none"> <li>Implementation status of the project</li> <li>Monitoring equipment and operation</li> <li>Generated Electricity</li> <li>Commissioning of the new turbines</li> <li>Monitoring of Gold Standard Parameters</li> <li>Local Employees</li> </ul> | İlayda ONARAN |
| 2  | E.        | Gökhan     | Bergres WPP Operation Manager      |            |                                                                                                                                                                                                                                                                                       |               |
| 3  | A.        | İsa        | Bergres WPP Deputy General Manager |            |                                                                                                                                                                                                                                                                                       |               |
| 4  | U.        | İsa        | Hacılar Village Mukhtar            | 02/07/2025 | <ul style="list-style-type: none"> <li>Benefit of the project to the village</li> <li>Grievance/ Input Mechanism</li> <li>Level of Noise</li> <li>Excavated soil</li> <li>Dust emission</li> <li>SDG Impacts</li> </ul>                                                               | İlayda ONARAN |
| 5  | İ.        | Süleyman   | Balaban Village Stakeholder        |            |                                                                                                                                                                                                                                                                                       |               |

|   |    |          |                                 |  |  |  |
|---|----|----------|---------------------------------|--|--|--|
| 6 | G. | Alaattin | Bayramcılar Village Stakeholder |  |  |  |
|---|----|----------|---------------------------------|--|--|--|

On site audit was conducted on 02/07/2025. Mukhtar of Hacılar, Balaban and Bayramcılar villages were interviewed that the stakeholders have no complaints about the noise or any other things due to the project activity. VVB also assessed whether a grievance mechanism is active onsite and examined that request – advice and complaint boxes are available at the most appropriate and publicly accessible location (Hacılar, Balaban and Bayramcılar villages /25/) where is the nearest locations of the project activity) so that stakeholders can provide feedback on the project. During this monitoring period, no comment is received. The project employees were interviewed about the implementation status of the project, monitoring equipment and operation, generated electricity, number of employments, and biodiversity.

During interviews, it is asked to the stakeholders and project employees if any legal contests or disputes have arisen during the monitoring period, and they confirm that there is no legal contest or disputes have arisen.

In addition, the stakeholders were visited. They were interviewed about the benefit of the project to the village, local employment, dead mammals, scholarship and athletics and the complaints about the project activity. The stakeholders were confirmed that the project activity offers both scholarships to students. They also stated that the project has no negative effect and stakeholders have no complaints about the project activity.

#### D.4. Sampling approach

Not applicable.

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

| Areas of verification findings                                                                                        | No. of CR | No. of CAR | No. of FAR |
|-----------------------------------------------------------------------------------------------------------------------|-----------|------------|------------|
| Compliance of the monitoring report with the monitoring report form                                                   |           |            |            |
| Compliance of the project implementation with the revised registered PDD                                              | 1         |            |            |
| Post-registration changes                                                                                             |           |            |            |
| Compliance of the monitoring plan with the monitoring methodology including applicable tool and standardized baseline |           |            |            |
| Compliance of monitoring activities with the registered monitoring plan                                               | 1         |            |            |
| Compliance with the calibration frequency requirements for measuring instruments                                      |           |            |            |
| Assessment of data and calculation of emission reductions or net removals                                             | 1         |            |            |
| Assessment of the sustainability parameters                                                                           |           |            |            |
| <b>Total</b>                                                                                                          | <b>3</b>  | <b>-</b>   | <b>-</b>   |

## SECTION E. Verification findings

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

|                              |                                                                                                                                                                                                                                               |
|------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Means of verification</b> | The monitoring report latest version /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 GS4GG MR template /9/. |
| <b>Findings</b>              | NA                                                                                                                                                                                                                                            |
| <b>Conclusion</b>            | RINA verified that the monitoring report was completed in accordance with the GS4GG-MR-FORM - Monitoring report form, including its Attachment: Instructions for filling out the monitoring report form, version 1.1 /9/.                     |

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

Based on the design renewal review of the Gold Standard Foundation /23/, there is no FAR that have been raised.

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

|                              |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |
|------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Means of verification</b> | <p>The Monitoring Report for the project activity “Bergres Wind Power Project”, submitted by the Bergres Elektrik Üretim A.Ş. have been the basis for the verification process.</p> <p>It was verified during onsite audit that the proposed project activity has been implemented and it is in operation in accordance with the project activity described in the revised registered PDD /1/.</p> <p>This is the 2<sup>nd</sup> crediting period which started on 21/04/2024. The project activity is a wind power plant. Bergres Elektrik Üretim A.Ş. has proposed the development of a wind power plant with a capacity of 69.95 MWm/69.95 MWe near Bergama, İzmir, Turkey. This system is designed to have a maximum electrical output of 69.95 MWe and the electricity generated will be fed into Turkey's national grid. The project consists of 21 turbines with 3.2 MWm/MWe capacity and 1 turbine with 2.75 MWm/MWe capacity. Bergres Wind Power Project has been connected via transmission line to the 154 kV Bergres RES TM and the generated electricity has been supplied to Turkey's national electricity grid. The latitude and longitude of the wind power plants is presented in the PDD /1/ as confirmed through the Generation License.</p> |
| <b>Findings</b>              | NA                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |
| <b>Conclusion</b>            | RINA confirms that the above MR is based on the currently valid MR template /9/ and is completed in accordance with the applicable guidance document /9/. Based on the site visit and checking the above documents, RINA confirms that the project activity has been implemented and it is in operation as described above in accordance with the project activity in the revised registered PDD /1/.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |

### E.4. Post-registration changes

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

Not available.

#### E.4.2. Corrections

Not available.

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

Not available

#### E.4.4. Permanent changes from registered monitoring plan, monitoring methodology or standardized baseline

Not available.

#### E.4.5. Changes to the project design of a registered project activity

Not available

**E.4.6. Types of changes specific to afforestation and reforestation project activities**

Not available

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

|                              |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |
|------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Means of verification</b> | <p>The project applies the approved methodologies ACM0002 “Grid-connected electricity generation from renewable sources”, Version 21.0 of 02/11/2022 <a href="#">/6/</a>. The following tools are also applicable to the project activity:</p> <p>TOOL 07 - Tool to calculate the emission factor for an electricity system, Version 07.0 of 31/08/2018 <a href="#">/10/</a>;</p> <p>TOOL 01 - Tool for the demonstration and assessment of additionality, Version 07.0.0 of 23/11/2012 <a href="#">/11/</a>;</p> <p>TOOL 02 - Combined tool to identify the baseline scenario and demonstrate additionality, Version 07.0.0 of 22/09/2017 <a href="#">/12/</a>;</p> <p>TOOL 03 - Tool to calculate project or leakage CO2 emissions from fossil fuel combustion, Version 03.0 of 22/09/2017 <a href="#">/13/</a>;</p> <p>TOOL 11 - “Assessment of the validity of the original/current baseline and update of the baseline at the renewal of the crediting period”, Version 03.0.1 of 02/03/2012 <a href="#">/14/</a>.</p> <p>TOOL 10 – “Tool to determine the remaining lifetime of the equipment”, Version 01 of 16/10/2009 <a href="#">/15/</a>.</p> |
| <b>Findings</b>              | NA                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |
| <b>Conclusion</b>            | The monitoring plan in the revised registered PDD <a href="#">/1/</a> is in accordance with the monitoring methodology ACM0002 “Grid-connected electricity generation from renewable sources”, Version 21.0 of 02/11/2022 <a href="#">/6/</a> .                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |

**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**

|                              |                                                                                                                                                     |                       |                                              |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |
|------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------|----------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Means of verification</b> | The parameters were available at the validation stage, which do not need to monitor during the crediting period, as per the revised registered PDD: |                       |                                              |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |
|                              | <b>DATA/ PARAMETER</b>                                                                                                                              | <b>Source of data</b> | <b>Reported value for the project period</b> | <b>Assessment/ Observation</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                          |
|                              | Combined Margin Emission Factor                                                                                                                     | TEIAS statistics      | 0.6488 tCO <sub>2</sub> /MWh                 | <p>As per the approved methodology ACM0002 “Grid-connected electricity generation from renewable sources”, Version 21.0, 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.</p> <p>The combined emission factor is determined to be 0.6488 tCO<sub>2</sub>/MWh in the registered PDD <a href="#">/1/</a> and validation report <a href="#">/7/</a>.</p>  |
|                              | Operating Margin Emission Factor                                                                                                                    | TEIAS statistics      | 0.7424 tCO <sub>2</sub> /MWh                 | <p>As per the approved methodology ACM0002 “Grid-connected electricity generation from renewable sources”, Version 21.0, 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.</p> <p>The operating emission factor is determined to be 0.7424 tCO<sub>2</sub>/MWh in the registered PDD <a href="#">/1/</a> and validation report <a href="#">/7/</a>.</p> |

|                   |                                                                                          |                  |                              |                                                                                                                                                                                                                                                                                                                                                                                                                                                 |
|-------------------|------------------------------------------------------------------------------------------|------------------|------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|                   | Build Margin Emission Factor                                                             | TEIAS statistics | 0.3680 tCO <sub>2</sub> /MWh | As per the approved methodology ACM0002 “Grid-connected electricity generation from renewable sources”, Version 21.0, 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.<br><br>The build emission factor is determined to be 0. 3680 tCO <sub>2</sub> /MWh in the registered PDD /1/ and validation report /7/. |
| <b>Findings</b>   | <b>NA</b>                                                                                |                  |                              |                                                                                                                                                                                                                                                                                                                                                                                                                                                 |
| <b>Conclusion</b> | Data and parameters fixed ex-ante are in accordance with the registered revised PDD /1/. |                  |                              |                                                                                                                                                                                                                                                                                                                                                                                                                                                 |

#### E.6.2. Data and parameters monitored

| Means of verification | <p>The following parameters are monitored in accordance with the revised registered PDD /1/. The only monitoring parameter is “Quantity of net electricity generation supplied by the project plant to the grid in year y (<math>EG_{PJ,grid,y}</math>)” as per the registered monitoring plan presented in the revised registered PDD /1/. The parameter is monitored continuously as “MWh” by two electricity meters that are located at the project area.</p> <p>Generation data is recorded by 1 transformer and 2 metering devices continuously. These records provide the data for the monthly invoicing to TEIAS. Generation is recorded via remote reading system. The quantity of electricity supplied by the project plant/unit to the grid and the quantity of electricity delivered to the project plant/unit from the grid are measured. Net generation is calculated via subtracting energy delivered by the project activity to the grid for internal consumption from electricity fed to the grid.</p> <p>Meter have been verified as:</p> <p><b>Current Electricity Meters:</b></p> <table><tr><th>Name</th><th>Serial Number</th><th>Brand –Model</th><th>Installation Date</th><th>Latest Test Date</th></tr><tr><td>Main Meter</td><td>5704873</td><td>EMH –LZQJ-XC</td><td>21/04/2017</td><td>25/09/2022<br/>28/08/2024</td></tr><tr><td>Back-up Meter</td><td>5704874</td><td>EMH – LZQJ-XC</td><td>21/04/2017</td><td>25/09/2022<br/>28/08/2024</td></tr></table> <p>The requirements of calibration every ten years and test requirement for electricity meters every two year have been applied for the project through the electricity test report /21/ and first index protocols /28/.</p> <p>The meters have the accuracy of 0.5s as confirmed through site visit and test performed by TEIAS /17/. The accuracy class of the meters complies with the “Communiqué for Measurement Devices used in the Electricity Market” /19/. The electricity meters are sealed by TEIAS as confirmed via site visit.</p> <p>According to the monitoring plan in the registered PDD /1/ and in the monitoring report, estimated <math>EG_{PJ,grid,y}</math> and the following sustainability parameters (SDGs) are monitored.</p> <p><math>EG_{PJ,grid,y}</math> Quantity of net electricity generation supplied by the project plant to the grid during MP as follows = 228,887.864 MWh. The details of verified calculation are provided by the PP via calculation spreadsheet /8/.</p> <p>Actual SDGs :</p> <p><b>SDG 7:</b> Affordable and Clean Energy: 228,887.864 MWh MP total.</p> <p><b>SDG 8:</b> 12 people are working at Bergres Wind Power Project project site and training are providing to all employees.</p> | Name          | Serial Number | Brand –Model      | Installation Date        | Latest Test Date | Main Meter | 5704873 | EMH –LZQJ-XC | 21/04/2017 | 25/09/2022<br>28/08/2024 | Back-up Meter | 5704874 | EMH – LZQJ-XC | 21/04/2017 | 25/09/2022<br>28/08/2024 |
|-----------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------|---------------|-------------------|--------------------------|------------------|------------|---------|--------------|------------|--------------------------|---------------|---------|---------------|------------|--------------------------|
|                       | Name                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         | Serial Number | Brand –Model  | Installation Date | Latest Test Date         |                  |            |         |              |            |                          |               |         |               |            |                          |
|                       | Main Meter                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   | 5704873       | EMH –LZQJ-XC  | 21/04/2017        | 25/09/2022<br>28/08/2024 |                  |            |         |              |            |                          |               |         |               |            |                          |
|                       | Back-up Meter                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | 5704874       | EMH – LZQJ-XC | 21/04/2017        | 25/09/2022<br>28/08/2024 |                  |            |         |              |            |                          |               |         |               |            |                          |

|                   |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |
|-------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|                   | <p><b>SDG 13:</b> Emission Reduction: 148,501 tCO<sub>2</sub> for MP total.</p> <p><b>SDG 13:</b> Emission Reduction, Air Quality: CO: 22.37 tons/MP and NMVOC: 2.15 tons/MP.</p> <p><b>SDG 7:</b> Avoidance of natural gas import: 34,082,875.09 m<sup>3</sup> natural gas import avoidance has been occurred by generation of project activity.</p> <p><b>SDG 6:</b> Amount of wastewater to be discharged to the environment: 5,669,180 m<sup>3</sup> wastewater discharge avoidance to the environment per monitoring period.</p> <p>The following parameters have been monitored in accordance with the monitoring plan in the registered PDD /1/ and the monitoring report /3/.</p> <p>Actual values of SDGs achieved during this monitoring period have been presented for the following sections of this report.</p> |
| <b>Findings</b>   | NA                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |
| <b>Conclusion</b> | RINA's opinion that the monitoring of the project activity has been carried out in accordance with the monitoring plan in the revised PDD /1/.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |

### E.6.3. Implementation of sampling plan

|                              |     |
|------------------------------|-----|
| <b>Means of verification</b> | N/A |
| <b>Findings</b>              | N/A |
| <b>Conclusion</b>            | N/A |

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

|                              |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |
|------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Means of verification</b> | <p>TEIAS is responsible for calibration and maintenance of the devices as per the revised registered PDD. The project owner has no control on the meters since the meters are sealed by the TEIAS. If any major discrepancy occurs between the two meters, TEIAS performs necessary calibration. During this monitoring period no discrepancy had occurred.</p> <p>As shared in Section E.6.2 The requirements of calibration every ten years and also test requirement for electricity meters every two year have been applied for the project through the electricity test report /21/ and first index protocol /28/.</p> <p>During site visit assessment, it was confirmed that the meters are in place and functions well and no breakdown has been recorded. The specification of electricity meters is provided above under section E.6.2</p> |
| <b>Findings</b>              | NA                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |
| <b>Conclusion</b>            | RINA's opinion that the monitoring of the project activity has been carried out in accordance with the monitoring plan in the revised 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

|                              |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |
|------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Means of verification</b> | <p>The baseline emissions include the CO<sub>2</sub> 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<sub>2</sub> emission factor for grid connected power generation in year.</p> $BE_y = EG_{PJ,grid,y} \times EF_{grid,CM,y}$ <p>Where:</p> <p>BE<sub>y</sub> = Baseline emissions in tonnes CO<sub>2e</sub></p> <p>EF<sub>grid, CM,y</sub> = Combined margin CO<sub>2e</sub> 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" [tCO<sub>2e</sub>/MWh].</p> <p>EG<sub>PJ,grid,y</sub> = Net electricity supplied to the Grid in MWh</p> <p>y = Refers to a given period</p> <p>Daily electricity generation values have been used for 21-30/04/2024. Detailed daily and hourly generation data have been shared in the spreadsheet</p> <p>Baseline Emission in 2024: (21/04/2024 – 31/12/2024)</p> $BE_{2024} = 166,966.191 \text{ [MWh]} \times 0.6488 \text{ [tCO}_2\text{/MWh]} = 108,327 \text{ tCO}_2$ <p>Baseline Emission in 2025: (01/01/2025 – 30/04/2025)</p> |
|------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|

|                   |                                                                                                                                                                                                                                                                                        |
|-------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|                   | $BE_{2025} = 61,921.673 \text{ [MWh]} * 0.6488 \text{ [tCO}_2\text{/MWh]} = 40,174 \text{ tCO}_2$<br><br>Total Emission Reduction for this monitoring period = 148,501 tCO <sub>2</sub><br><br>The details of verified calculation are provided by the PP via calculation spreadsheet. |
| <b>Findings</b>   | NA                                                                                                                                                                                                                                                                                     |
| <b>Conclusion</b> | RINA verified that the baseline emissions were calculated in accordance with the revised registered PDD and methodology: ACM0002 “Grid-connected electricity generation from renewable sources”, Version 21.0 of 02/11/2022 <a href="#">/6/</a> .                                      |

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

|                              |                                                                                                                                                                                                                                              |
|------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Means of verification</b> | The project emissions are assumed to be zero as per the ACM0002 <a href="#">/6/</a> since the project is a renewable energy project as defined in the revised registered PDD <a href="#">/1/</a> and validation report <a href="#">/7/</a> . |
| <b>Findings</b>              | NA                                                                                                                                                                                                                                           |
| <b>Conclusion</b>            | RINA verified that the project emissions were assumed 0 in accordance with the revised registered PDD <a href="#">/1/</a> and methodology ACM0002 <a href="#">/6/</a>                                                                        |

#### E.8.3. Calculation of leakage GHG emissions

|                              |                                                                                                                                                                                                                                                           |
|------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Means of verification</b> | The leakage emissions are assumed to be zero as per the ACM0002 <a href="#">/6/</a> as defined in the revised registered PDD <a href="#">/1/</a> . Since the project and leakage emissions are zero, the emission reduction equals to baseline emissions. |
| <b>Findings</b>              | NA                                                                                                                                                                                                                                                        |
| <b>Conclusion</b>            | Leakage was considered as zero in accordance with the applied methodology <a href="#">/6/</a> .                                                                                                                                                           |

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

|                              |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |
|------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Means of verification</b> | <p>According to the applied methodology ACM0002 “Grid-connected electricity generation from renewable sources” <a href="#">/6/</a>, the emission reductions have been calculated based on the following formula:</p> <p>Emission reductions are calculated as follows <a href="#">/7/</a>:</p> $ER_y = BE_y - PE_y - LE_y$ <p>Where:</p> <p>ER<sub>y</sub> = Emission reductions in year y (t CO<sub>2</sub>/yr).<br/> BE<sub>y</sub> = Baseline emissions in year y (t CO<sub>2</sub>/yr).<br/> PE<sub>y</sub> = Project emissions in year y (t CO<sub>2</sub>/yr).<br/> LE<sub>y</sub> = Leakage emissions in year y (t CO<sub>2</sub>/yr).</p> <p>Emission Reduction in 2024 (starting from 21/04/2024 to 31/12/2024):<br/> <math>ER_{2024} = 108,327 - 0 - 0 = 108,327 \text{ tCO}_2</math><br/> ER in 2025 (starting from 01/01/2025 to 30/04/2025):<br/> <math>ER_{2025} = 40,174 - 0 - 0 = 40,174 \text{ tCO}_2</math></p> <p>So, total ER for this MP is 148,501 tCO<sub>2</sub>e</p> |
| <b>Findings</b>              | NA                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |
| <b>Conclusion</b>            | The emission reduction calculations provided in the spreadsheet <a href="#">/8/</a> have been verified to be correct and in line with the revised registered PDD <a href="#">/1/</a> and applied methodologies <a href="#">/6/</a> .                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |

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

|                              |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |
|------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Means of verification</b> | The emission reductions from the project for the monitoring period as reported in the monitoring report are equivalent to 148,501 tCO <sub>2</sub> . Estimated emission reduction of 139,766 tCO <sub>2</sub> annually as per the registered PDD /1/ number of days for MP is 375 so ex ante emission reduction for this MP corresponds to 143,595 tCO <sub>2</sub> . Hence the reported emission reductions are 3.42% higher than the estimated emission reduction for MP as per the registered PDD /1/ due to wind speed and seasonal effects. According to the guidance Assessment Approach for Reporting Higher Ex-Post Emission Reductions, the difference falls within the acceptable range of variation (i.e., $\pm 10\%$ ). The calculation is verified through calculation spreadsheet /8/. |
| <b>Findings</b>              | NA                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |
| <b>Conclusion</b>            | The actual emission reduction is higher 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 wind speed and seasonal effects.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |

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

|                              |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |
|------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Means of verification</b> | The emission reductions from the project for the monitoring period as reported in the monitoring report are equivalent to 148,501 tCO <sub>2</sub> . Estimated emission reduction of 139,766 tCO <sub>2</sub> annually as per the registered PDD /1/ number of days for MP is 375 so ex ante emission reduction for this MP corresponds to 143,595 tCO <sub>2</sub> . Hence the reported emission reductions are 3.42% higher than the estimated emission reduction for MP as per the registered PDD /1/ due to wind speed and seasonal effects. According to the guidance Assessment Approach for Reporting Higher Ex-Post Emission Reductions, the difference falls within the acceptable range of variation (i.e., $\pm 10\%$ ). The calculation is verified through calculation spreadsheet /8/. |
| <b>Findings</b>              | NA                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |
| <b>Conclusion</b>            | The actual emission reduction is higher 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 wind speed and seasonal effects.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |

**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**

|                              |                                                                                                 |
|------------------------------|-------------------------------------------------------------------------------------------------|
| <b>Means of verification</b> | RINA verified that the actual monitoring period does not fall into the first commitment period. |
| <b>Findings</b>              | NA                                                                                              |
| <b>Conclusion</b>            | RINA verified that the actual monitoring period does not fall into the first commitment period. |

**E.8.8. Assessment of the sustainability parameters**

|                              |                                                                              |                                                   |                                                                                                                                                                                                                                                                                                                                                             |
|------------------------------|------------------------------------------------------------------------------|---------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Means of verification</b> | The assessment of the monitored parameters is described in the tables below: |                                                   |                                                                                                                                                                                                                                                                                                                                                             |
|                              | Data variable                                                                | Source of Data                                    | Reported value for the project period                                                                                                                                                                                                                                                                                                                       |
|                              | SDG 8: Quantitative employment and income generation                         | Official records from Social Security Institution | 12 workers were employed at the wind farm during MP.<br>Training records have been shared with VVB. Project risk class is very high according to Turkish regulations and every person should be trained at least 24 hours (mandatory courses). Training has been planned yearly and conducted different times. Training records have been examined such as: |
|                              |                                                                              |                                                   | Occupational Health and Safety Trainings                                                                                                                                                                                                                                                                                                                    |
|                              |                                                                              |                                                   | Bergres employees                                                                                                                                                                                                                                                                                                                                           |
|                              |                                                                              |                                                   | 26/02/2025                                                                                                                                                                                                                                                                                                                                                  |
|                              |                                                                              |                                                   | 25/03/2025                                                                                                                                                                                                                                                                                                                                                  |

|  |  |                                                                                                                                                                                                                                                                                  |                                                                                                                                                                                                                                                                                                    |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |
|--|--|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|  |  |                                                                                                                                                                                                                                                                                  | GE employees                                                                                                                                                                                                                                                                                       | 04/12/2024<br>05/12/2024                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |
|  |  |                                                                                                                                                                                                                                                                                  | Securitas employees                                                                                                                                                                                                                                                                                | 28/02/2024<br>29/02/2024<br>04/12/2024<br>05/12/2024                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |
|  |  |                                                                                                                                                                                                                                                                                  | GWO Working at Heights Training                                                                                                                                                                                                                                                                    |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |
|  |  |                                                                                                                                                                                                                                                                                  | GE employees                                                                                                                                                                                                                                                                                       | 14/10/2024                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |
|  |  |                                                                                                                                                                                                                                                                                  | Working at Heights Awareness Training                                                                                                                                                                                                                                                              |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |
|  |  |                                                                                                                                                                                                                                                                                  | 2 Bergres employees                                                                                                                                                                                                                                                                                | 21/01/2025<br>14/01/2025                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |
|  |  |                                                                                                                                                                                                                                                                                  | All records have been shared with VVB.                                                                                                                                                                                                                                                             |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |
|  |  |                                                                                                                                                                                                                                                                                  | Assessment                                                                                                                                                                                                                                                                                         |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |
|  |  |                                                                                                                                                                                                                                                                                  | <u>Number of Jobs created due to the project activity:</u> The parameter is monitored annually for each monitoring period by project owner's records <a href="#">/24/</a> . It is confirmed that 12 employees are hired for MP with this project. Also training records have been shared with VVB. |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |
|  |  |                                                                                                                                                                                                                                                                                  |                                                                                                                                                                                                                                                                                                    |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |
|  |  | Data variable                                                                                                                                                                                                                                                                    | Source of Data                                                                                                                                                                                                                                                                                     | Reported value for the project period                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |
|  |  | SDG 13: Climate Action<br>ERy                                                                                                                                                                                                                                                    | Emission reduction calculations                                                                                                                                                                                                                                                                    | 148,501 tonnes of CO <sub>2e</sub> for MP.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |
|  |  | Assessment                                                                                                                                                                                                                                                                       |                                                                                                                                                                                                                                                                                                    |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |
|  |  | <u>ERy:</u> Emission reduction achieved in year y is monitored continuously for each monitoring period by calculation of emission factor and EPIAS monthly meter readings <a href="#">/17/</a> . During this monitoring period, totally 148,501 tCO <sub>2e</sub> is calculated. |                                                                                                                                                                                                                                                                                                    |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |
|  |  |                                                                                                                                                                                                                                                                                  |                                                                                                                                                                                                                                                                                                    |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |
|  |  | Data variable                                                                                                                                                                                                                                                                    | Source of Data                                                                                                                                                                                                                                                                                     | Reported value for the project period                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |
|  |  | SDG 7: Affordable and clean energy                                                                                                                                                                                                                                               | Net electricity generation                                                                                                                                                                                                                                                                         | Net electricity generation was observed as 228,887.864 MWh for the current monitoring period.                                                                                                                                                                                                                                                                                                                                                                                                                                                        |
|  |  | Assessment                                                                                                                                                                                                                                                                       |                                                                                                                                                                                                                                                                                                    |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |
|  |  | <u>Electricity generation:</u> Electricity generation achieved in year y is monitored continuously for each monitoring period by EPIAS monthly meter readings <a href="#">/17/</a> . During this monitoring period, totally 228,887.864MWh is produced.                          |                                                                                                                                                                                                                                                                                                    |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |
|  |  |                                                                                                                                                                                                                                                                                  |                                                                                                                                                                                                                                                                                                    |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |
|  |  | Data variable                                                                                                                                                                                                                                                                    | Source of Data                                                                                                                                                                                                                                                                                     | Reported value for the project period                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |
|  |  | SDG 13: Air Quality<br>Amount of CO and NMVOC emissions                                                                                                                                                                                                                          | Monthly meter readings                                                                                                                                                                                                                                                                             | Reductions in the proportionate amount of described emissions were achieved during the operational life of the project activity. Considering the electricity generation of the project, the emission reductions during this monitoring period are 22.37 tons and 2.15 tons, respectively, for each parameter. Calculation method has been given below.<br><br><b>CO Avoidance</b><br>= $\frac{\text{Emission Amount due to Electricity Amount in rel}}{\text{Net electricity generation in the relat}} \times \text{Electrcity Gen. of Bergres WPP}$ |
|  |  |                                                                                                                                                                                                                                                                                  |                                                                                                                                                                                                                                                                                                    |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |
|  |  |                                                                                                                                                                                                                                                                                  |                                                                                                                                                                                                                                                                                                    |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |
|  |  |                                                                                                                                                                                                                                                                                  |                                                                                                                                                                                                                                                                                                    |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |
|  |  |                                                                                                                                                                                                                                                                                  |                                                                                                                                                                                                                                                                                                    |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |
|  |  |                                                                                                                                                                                                                                                                                  |                                                                                                                                                                                                                                                                                                    |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |
|  |  |                                                                                                                                                                                                                                                                                  |                                                                                                                                                                                                                                                                                                    |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |
|  |  |                                                                                                                                                                                                                                                                                  |                                                                                                                                                                                                                                                                                                    |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |
|  |  |                                                                                                                                                                                                                                                                                  |                                                                                                                                                                                                                                                                                                    |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |

|  |                                                                                             |                                                                                                   |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |
|--|---------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|  |                                                                                             |                                                                                                   | <b>NMVOC Avoidance</b><br>$= \frac{\text{Emission Amount due to Electricity Amount in rel}}{\text{Net electricity generation in the relat}} \times \text{Electrcity Gen. of Bergres WPP}$                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |
|  | Assessment                                                                                  |                                                                                                   |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |
|  | Monthly meter readings and excel calculations have been checked.                            |                                                                                                   |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |
|  |                                                                                             |                                                                                                   |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |
|  | Data variable                                                                               | Source of Data                                                                                    | Reported value for the project period                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |
|  | SDG 6: Water Quality and Quantity                                                           | Monthly meter readings of net electricity generation<br>Checking existence of septic tank on site | <p>The project activities replaces the grid electricity, which is constituted of different fuel sources causing greenhouse gas emissions. By replacing in the consumption of these fuels, it contributes to conservation of water. Amount of wastewater to be discharged to the environment is decreased. During this monitoring period, the project activity has prevented the discharge of 5,669,180 m<sup>3</sup> of wastewater into the environment. Calculation of Wastewater Avoidance has been shown below;</p> $\frac{\text{Total Waste Water Discharged by Thermal Power Plants in the}}{\text{Total Electricity Generation in 2018 (GWh) in the re}} \times \text{Electrcity Generation of GERES WPP}$ |
|  | Assessment                                                                                  |                                                                                                   |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |
|  | Monthly meter readings and excel calculations have been checked.                            |                                                                                                   |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |
|  |                                                                                             |                                                                                                   |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |
|  | Data variable                                                                               | Source of Data                                                                                    | Reported value for the project period                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |
|  | Balance of payments and investment                                                          | Monthly meter readings                                                                            | During the monitoring period, the project activity resulted in the avoidance of 34,082,875.09 m <sup>3</sup> of natural gas imports which is worth about 13,633,150.04 EUR per monitoring year.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |
|  | Assessment                                                                                  |                                                                                                   |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |
|  | Monthly meter readings and excel calculations have been checked.                            |                                                                                                   |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |
|  |                                                                                             |                                                                                                   |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |
|  | Data variable                                                                               | Source of Data                                                                                    | Reported value for the project period                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |
|  | Principle 9.4<br>Release of pollutants                                                      | Personnel from Bergres or environmental specialist                                                | During the year, periodic meetings are done with the mukhtar, local people and Bergres personnel about the noise occurrence. It has been confirmed that there are no problems about noise with this monitoring period.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |
|  | Assessment                                                                                  |                                                                                                   |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |
|  | Any complaints have been received during site visit and interviews with local stakeholders. |                                                                                                   |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |
|  |                                                                                             |                                                                                                   |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |
|  | Data variable                                                                               | Source of Data                                                                                    | Reported value for the project period                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |
|  | Principle 9.5<br>Hazardous and Non Hazardous Wastes<br>Waste Oil Collection                 | Receipts of waste oil collection                                                                  | Waste oil from the power plant is regularly controlled by the personnel from Bergres WPP. In this monitoring period, 1400 kg waste oil has been reported and delivered on 19/09/2024.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |
|  | Assessment                                                                                  |                                                                                                   |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |
|  | Waste oil collection bill has been reviwed by VVB.                                          |                                                                                                   |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |

|                   |                                                                                                                                                                                                                                                                                                        |
|-------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Findings</b>   | NA                                                                                                                                                                                                                                                                                                     |
| <b>Conclusion</b> | RINA verified that the GS indicators described in the monitoring report <a href="#">/3/</a> 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 site visit. |

## SECTION F. Internal quality control

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

## SECTION G. Verification opinion

RINA Services Spa (RINA) has performed verification of the emission reductions reported for the project activity Bergres Wind Power ProjectGS Registration Reference No. 5229 for the period 21/04/2024 - 30/04/2025 with regard to the relevant GS4GG requirements and principles /4/. 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 VVBs not express any opinion on the selected baseline scenario or on the validated and revised 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 revised 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 revised 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 (GS VERs) stated in the latest version of monitoring report (version 05 of 19/08/2025) /3/ for the project activity "Bergres Wind Power Project" for the period 21/04/2024 - 30/04/2025 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 21.0 /6/. Hence RINA is able to certify that the emission reductions from the project during the monitoring period 21/04/2024 - 30/04/2025 amount to 148,501 tCO<sub>2</sub> (GS-VERs) totally.

| Period                                               | Amount achieved during this monitoring period (tCO <sub>2</sub> e) |
|------------------------------------------------------|--------------------------------------------------------------------|
| <b>2024 Vintage</b><br><b>21/04/2024 -31/12/2024</b> | 108,327                                                            |
| <b>2025 Vintage</b><br><b>01/01/2025-30/04/2025</b>  | 40,174                                                             |
| <b>Total</b>                                         | 148,501                                                            |

**Appendix 1.****Abbreviations**

| <b>Abbreviations</b> | <b>Full texts</b>                                                       |
|----------------------|-------------------------------------------------------------------------|
| 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 <sub>4</sub>      | Methane                                                                 |
| CL                   | Clarification Request                                                   |
| CO <sub>2</sub>      | Carbon dioxide                                                          |
| CO <sub>2</sub> e    | Carbon dioxide equivalent                                               |
| CRT                  | Coordination and Technical Control Staff                                |
| DCI                  | Certification Division of RINA Services Spa                             |
| DNA                  | Designated National Authority                                           |
| VVB                  | Validation Verification Body                                            |
| EB                   | Executive Board                                                         |
| EPIAS                | Energy Market Operation Inc.                                            |
| ER                   | Emission Reductions                                                     |
| FAR                  | Forward Action Request                                                  |
| GHG(s)               | Greenhouse gas(es)                                                      |
| GS4GG                | Gold Standard for Global Goals                                          |
| GWP                  | Global Warming Potential                                                |
| IPCC                 | Intergovernmental Panel on Climate Change                               |
| LoA                  | Letter of Approval                                                      |
| MoV                  | Means of Verification                                                   |
| MR                   | Monitoring Report                                                       |
| NGO                  | Non-governmental Organization                                           |
| ODA                  | Official Development Assistance                                         |
| PDD                  | Project Design Document                                                 |
| PE                   | Project Emission                                                        |
| PP(s)                | Project Participant(s)                                                  |
| Ref.                 | Document Reference                                                      |
| RINA                 | RINA Services Spa                                                       |
| SS(s)                | Sectoral Scope(s)                                                       |
| TA(s)                | Technical Area(s)                                                       |
| TEIAS                | Turkish Electricity Transmission Company (Türkiye Elektrik İletim A.Ş.) |
| 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**  
**QUALIFICATION CERTIFICATE**

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

Ilayda ONARAN

è qualificato come<sup>1</sup>:  
is qualified as:

VAL – VER – TL – TEC

nello schema<sup>2</sup>:  
for the scheme:

GS4GG – VCS

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

1.1 – 1.2 – 3.1 – 13.1 – 13.2

| AREE TECNICHE<br>TECHNICAL AREAS | DESCRIZIONE DELL'AREA TECNICA<br>TECHNICAL AREA DESCRIPTION | SCOPO SETTORIALE<br>SECTORIAL SCOPE |
|----------------------------------|-------------------------------------------------------------|-------------------------------------|
| 1.1                              | Thermal Energy Generation                                   | 1                                   |
| 1.2                              | Renewables                                                  | 1                                   |
| 3.1                              | Energy Demand                                               | 3                                   |
| 13.1                             | Waste handling and disposal                                 | 13                                  |
| 13.2                             | Manure                                                      | 13                                  |

in accordo alle istruzioni dell'Unità responsabile (OU) per sostenibilità & cambiamenti climatici.  
in accordance with the instructions of the responsible unit (OU) for the sustainability & climate change.

| REVISIONE<br>REVISION | DATA<br>DATE | MOTIVAZIONI PER LA REVISIONE<br>REASON FOR THE REVISION |
|-----------------------|--------------|---------------------------------------------------------|
| 0                     | 31/01/2025   | First Issue                                             |
| 1                     | 18/08/2025   | Update qualification as TE- 1.2, 13.1, 13.2             |

Il Resp. OU  
Head of OU

*Raima Scrima*

**<sup>1</sup> Legend:**

VAL: Validator  
VER: Verifier  
TEC: Technical Expert  
TL: Team Leader  
FIN-EXP: Financial Expert  
REG-EXP: Regional Expert

ITR: Independent Reviewer  
DET: Déterminer

**<sup>2</sup> Legend:**

CDM: Clean Development Mechanism  
VCS: Verified Carbon Standard  
GS4GG: Gold Standard for Global Goals  
SCS: SocialCarbon Standard  
JI: Joint Implementation  
ISO14064-2: International standard 14064 part 2

RINA Services S.p.A. è accreditato da UNFCCC, quale Entità Operativa Designata (DOE), per condurre la Validazione e la Verifica di Progetti CDM, da VCSA per condurre la Validazione e la Verifica di Progetti VCS, da GS Foundation, per condurre la Validazione e la Verifica di Progetti GS, da Ecologia Institute per condurre la Validazione e la Verifica di rapporti SCS.

RINA Services S.p.A. is accredited by the UNFCCC, as Designated Operational Entity (DOE), to carry out Validation and Verification of CDM Projects, by the VCSA, to carry out Validation and Verification of VCS Projects, by the GS Foundation, to carry out Validation and Verification of GS4GG Projects and by the Ecologia Institute, to carry out Validation and Verification of SCS Reports.

GHG\_QUAL\_CERT\_EN(08-2021)

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**CERTIFICATO DI QUALIFICA  
QUALIFICATION CERTIFICATE**

Si attesta che il sig.:  
We declare that Mr:

Mehmet ERDOGAN

è qualificato come<sup>1</sup>:  
is qualified as:

TL – VAL<sup>4</sup> – VER – TEC – REG-EXP<sup>3</sup> – ITR

nello schema<sup>2</sup>:  
for the scheme:

VCS – CCB – GS4GG

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

1.1 – 1.2 – 9.2 – 13.1 – 13.2

| AREE TECNICHE<br>TECHNICAL AREAS | DESCRIZIONE DELL'AREA TECNICA<br>TECHNICAL AREA DESCRIPTION | SCOPO SETTORIALE<br>SECTORAL SCOPE |
|----------------------------------|-------------------------------------------------------------|------------------------------------|
| 1.1                              | Thermal energy generation                                   | 1                                  |
| 1.2                              | Renewables                                                  | 1                                  |
| 3.1                              | Energy demand                                               | 3                                  |
| 9.2                              | Iron, steel and Ferro-alloy production                      | 9                                  |
| 13.1                             | Waste handling and disposal                                 | 13                                 |
| 13.2                             | Manure                                                      | 13                                 |

in accordo alle istruzioni dell'Unità responsabile (OU) per sostenibilità & cambiamenti climatici.  
in accordance with the instructions of the responsible unit (OU) for the sustainability & climate change.

| REVISIONE<br>REVISION | DATA<br>DATE | MOTIVAZIONI PER LA REVISIONE<br>REASON FOR THE REVISION |
|-----------------------|--------------|---------------------------------------------------------|
| 0                     | 24.03.2023   | First Issue                                             |
| 1                     | 12/04/2023   | GS4GG extension                                         |
| 2                     | 24/07/2023   | GS4GG VAL extension                                     |
| 3                     | 10/12/2023   | TEC SS3 extension                                       |
| 4                     | 31/01/2024   | ITR extension                                           |

Il Responsabile di schema  
Scheme Manager

<sup>1</sup>  
VAL: Validator  
VER: Verifier  
TEC: Technical Expert  
TL: Team Leader  
FIN-EXP: Financial Expert  
REG-EXP: Regional Expert  
ITR: Independent Reviewer  
DET: Determiner

<sup>2</sup>  
CDM: Clean Development Mechanism  
VCS: Verified Carbon Standard  
GS4GG: Gold Standard for Global Goals  
SCS: SocialCarbon Standard  
JI: Joint Implementation  
ISO14064-2: International standard 14064 part 2  
UER: Upstream Emission Reduction  
CCB: The Climate, Community & Biodiversity Alliance

<sup>3</sup> Turkey

<sup>4</sup> For GS4GG only

RINA Services S.p.A. è accreditata da UNFCCC, quale Entità Operativa Designata (DOE), per condurre la Validazione e la Verifica di Progetti CDM, da VCSA per condurre la Validazione e la Verifica di Progetti VCS, da GS Foundation, per condurre la Validazione e la Verifica di Progetti GS, da Ecological Institute per condurre la Validazione e la Verifica di rapporti SCS.

RINA Services S.p.A. is accredited by the UNFCCC, as Designated Operational Entity (DOE), to carry out Validation and Verification of CDM Projects, by the VCSA, to carry out Validation and Verification of VCS Projects, by the GS Foundation, to carry out Validation and Verification of GS4GG Projects and by the Ecological Institute, to carry out Validation and Verification of SCS Reports.

GHG\_QUAL\_CERT\_EN(06-2021)

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**Appendix 3. Documents reviewed or referenced**

| No | Author                                | Title                                                                                                                                               | References to the document                                                                                                               | Provider            |
|----|---------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------|---------------------|
| 1  | Bergres Elektrik Üretim A.Ş.          | GS-PDD for “Bergres Wind Power Project”                                                                                                             | version 6 of 26/08/2024                                                                                                                  | Project participant |
| 2  | Gold Standard Foundation              | GS Validation and Verification Standard for Project Activities                                                                                      | Version 2.0 of 12/11/2024                                                                                                                | Publicly Available  |
| 3  | Bergres Elektrik Üretim A.Ş.          | Monitoring Report for “Bergres Wind Power Project”                                                                                                  | Version 05 of 19/08/2025<br>Version 04 of 11/07/2025<br>Version 03 of 10/07/2025<br>Version 02 of 19/06/2025<br>Version 01 of 29/05/2025 | Project participant |
| 4  | Gold Standard Foundation              | GS4GG Standard Requirements                                                                                                                         | version 2.0 of 12/11/2024                                                                                                                | Publicly available  |
| 5  | CDM Executive Board                   | Clean Development Mechanism Validation and Verification Standard                                                                                    | version 03 of 09/09/2021                                                                                                                 | Publicly available  |
| 6  | CDM Executive Board                   | Baseline and monitoring methodology “ACM0002 “Grid-connected electricity generation from renewable sources”                                         | Version 21.0 of 02/11/2022                                                                                                               | Publicly available  |
| 7  | RINA                                  | Re-validation for 2 <sup>nd</sup> CP Report for Bergres Wind Power Project, Turkey                                                                  | version 3.0Aa 23/09/2024                                                                                                                 | Project participant |
| 8  | Bergres Elektrik Üretim A.Ş.          | Emission Reduction Calculation Spreadsheet “GS 5229 BERGRES WPP_ER_v3_21082025”                                                                     | Version 3 of 21/08/2025<br>Version 2 of 19/06/2025<br>version 01 of 27/05/2025                                                           | Project participant |
| 9  | Gold Standard Foundation              | GS4GG Monitoring Report Form                                                                                                                        | version 1.1 of 14/10/2020                                                                                                                | Publicly available  |
| 10 | CDM Executive Board                   | Methodological Tool “Tool to calculate the emission factor for an electricity system”                                                               | version 07.0 of 31/08/2018                                                                                                               | Publicly available  |
| 11 | CDM Executive Board                   | Methodological Tool “Tool for the demonstration and assessment of additionality”                                                                    | Version 07.0.0 23/11/2012                                                                                                                | Publicly available  |
| 12 | CDM Executive Board                   | Methodological Tool “Combined tool to identify the baseline scenario and demonstrate additionality”                                                 | Version 07.0.0 of 22/09/2017                                                                                                             | Publicly available  |
| 13 | CDM Executive Board                   | Methodological Tool “Tool to calculate project or leakage CO2 emissions from fossil fuel combustion”                                                | Version 03.0 of 22/09/2017                                                                                                               | Publicly available  |
| 14 | CDM Executive Board                   | Methodological Tool “Assessment of the validity of the original/current baseline and update of the baseline at the renewal of the crediting period” | Version 03.0.1 02/03/2012                                                                                                                | Publicly available  |
| 15 | CDM Executive Board                   | Methodological Tool “Tool to determine the remaining lifetime of the equipment»                                                                     | Version 01 16/10/2009                                                                                                                    | Publicly available  |
| 16 | Energy Market Regulatory Authority    | Generation License EU/3683-7/2239                                                                                                                   | date 09/02/2012 of                                                                                                                       | Project participant |
| 17 | TEIAS                                 | Monthly Meter Reading Protocols                                                                                                                     | MP                                                                                                                                       | Project participant |
| 18 | Enerji Piyasaları İşletme A.Ş.(EPIAS) | Monthly Electricity Records within the Monitoring Period                                                                                            | MP                                                                                                                                       | Project participant |

|    |                                           |                                                                                                                                                            |                                |                     |
|----|-------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------|---------------------|
| 19 | Energy Market Regulatory Authority        | Communiqué for Measurement Devices used in the Electricity Market                                                                                          | date 22/03/2003 of             | Publicly available  |
| 20 | The Ministry of Trade and Industry        | Regulation of Metering and Testing of Metering Systems                                                                                                     | date 24/07/1994 of             | Publicly available  |
| 21 | EMH Metering                              | Test Report for Main Meters                                                                                                                                | dated of 25/09/2022 28/08/2024 | Project participant |
| 22 | TEIAS                                     | Electricity meter photos                                                                                                                                   | MP                             | Project participant |
| 23 | The Gold Standard Foundation              | Design renewal review under GS4GS                                                                                                                          | 10/10/2024                     | Project Participant |
| 24 | Social Security Institution               | Project Owner's Records                                                                                                                                    | MP                             | Project participant |
| 25 | Hacılar, Balaban and Bayramcılar villages | Logbook                                                                                                                                                    | MP                             | Project participant |
| 26 | Verra                                     | <a href="https://registry.verra.org/app/search/VCS/All%20Projects">https://registry.verra.org/app/search/VCS/All%20Projects</a> , Argument: VERRA Database | Retrieved on 10/07/2025        | Other               |
| 27 | GCC                                       | <a href="https://projects.globalcarboncouncil.com/pages/submitted_projects">https://projects.globalcarboncouncil.com/pages/submitted_projects</a>          | Retrieved on 10/07/2025        | Other               |
| 28 | TEİAŞ                                     | First index protocol                                                                                                                                       | 21/04/2017                     | Other               |

Table 1. Remaining FAR from previous verification

|                                               |   |             |  |       |
|-----------------------------------------------|---|-------------|--|-------|
| FAR ID                                        | 1 | Section no. |  | Date: |
| Description of FAR                            |   |             |  |       |
|                                               |   |             |  |       |
| Project participant response                  |   |             |  | Date: |
|                                               |   |             |  |       |
| Documentation provided by project participant |   |             |  |       |
|                                               |   |             |  |       |
| VVB assessment                                |   |             |  | Date: |
|                                               |   |             |  |       |

Table 2. CR from this verification

|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |                              |                                                                                                                                                                                |  |                         |                                                         |            |                                                           |                  |                               |                              |                   |         |
|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--|-------------------------|---------------------------------------------------------|------------|-----------------------------------------------------------|------------------|-------------------------------|------------------------------|-------------------|---------|
| <b>CR ID</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | 1                            | <b>Section no.</b>                                                                                                                                                             |  | <b>Date:</b> 18/06/2025 |                                                         |            |                                                           |                  |                               |                              |                   |         |
| <b>Description of CR</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |                              |                                                                                                                                                                                |  |                         |                                                         |            |                                                           |                  |                               |                              |                   |         |
| <ol style="list-style-type: none"> <li>1. Latest PDD version seems 05 in the file. Please explain and revise accordingly.</li> <li>2. Please share latest verification report.</li> <li>3. Please share the validation report belonging to this crediting period.</li> <li>4. Please share commissioning reports for all turbines.</li> <li>5. Please share first index and test reports belonging to current meters.</li> </ol>                                                                                                                                             |                              |                                                                                                                                                                                |  |                         |                                                         |            |                                                           |                  |                               |                              |                   |         |
| <b>Project participant response</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |                              |                                                                                                                                                                                |  | <b>Date:</b> 19/06/2025 |                                                         |            |                                                           |                  |                               |                              |                   |         |
| <ol style="list-style-type: none"> <li>1. The latest version of the approved PDD is V6 as you can seen below both Revalidation Report and Design Renewal final Review Form of the SC. <table border="1"> <tr> <td><b>Completion date of the validation report for RCP</b></td><td>23/09/2024</td></tr> <tr> <td><b>Version number of PDD to which this report applies</b></td><td>06 of 26/08/2024</td></tr> <tr> <td><b>Project participant(s)</b></td><td>Bergres Elektrik Üretim A.S.</td></tr> <tr> <td><b>Host Party</b></td><td>Türkiye</td></tr> </table> </li> </ol> |                              |                                                                                                                                                                                |  |                         | <b>Completion date of the validation report for RCP</b> | 23/09/2024 | <b>Version number of PDD to which this report applies</b> | 06 of 26/08/2024 | <b>Project participant(s)</b> | Bergres Elektrik Üretim A.S. | <b>Host Party</b> | Türkiye |
| <b>Completion date of the validation report for RCP</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | 23/09/2024                   |                                                                                                                                                                                |  |                         |                                                         |            |                                                           |                  |                               |                              |                   |         |
| <b>Version number of PDD to which this report applies</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    | 06 of 26/08/2024             |                                                                                                                                                                                |  |                         |                                                         |            |                                                           |                  |                               |                              |                   |         |
| <b>Project participant(s)</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | Bergres Elektrik Üretim A.S. |                                                                                                                                                                                |  |                         |                                                         |            |                                                           |                  |                               |                              |                   |         |
| <b>Host Party</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | Türkiye                      |                                                                                                                                                                                |  |                         |                                                         |            |                                                           |                  |                               |                              |                   |         |
| <div>Supporting Document (s) provided and Reviewed (round 3)</div>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |                              | <div> <ul style="list-style-type: none"> <li>Project Design Document (GS 5229 BERGRES PDD V6_26082024Clean.docx and GS 5229 BERGRES PDD V6_260824clean.docx)</li> </ul> </div> |  |                         |                                                         |            |                                                           |                  |                               |                              |                   |         |
| <ol style="list-style-type: none"> <li>2. Latest verification report has been shared.</li> <li>3. The latest validation report has been shared.</li> <li>4. Provisional Acceptance Reports have been shared.</li> <li>5. The first index and test reports belonging to the current meters have been shared.</li> </ol>                                                                                                                                                                                                                                                       |                              |                                                                                                                                                                                |  |                         |                                                         |            |                                                           |                  |                               |                              |                   |         |
| <b>Documentation provided by project participant</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |                              |                                                                                                                                                                                |  |                         |                                                         |            |                                                           |                  |                               |                              |                   |         |
| <b>VVB assessment</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |                              |                                                                                                                                                                                |  |                         |                                                         |            |                                                           |                  |                               |                              |                   |         |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |                              |                                                                                                                                                                                |  | <b>Date:</b> 30/06/2025 |                                                         |            |                                                           |                  |                               |                              |                   |         |
| <b>CR ID 1 closed.</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |                              |                                                                                                                                                                                |  |                         |                                                         |            |                                                           |                  |                               |                              |                   |         |

|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |   |                    |  |                         |
|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---|--------------------|--|-------------------------|
| <b>CR ID</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         | 2 | <b>Section no.</b> |  | <b>Date:</b> 18/06/2025 |
| <b>Description of CR</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |   |                    |  |                         |
| <ol style="list-style-type: none"> <li>1. 2<sup>nd</sup> CP start date is mentioned as 21/04/2024. However, this MP started on 01/05/2024. Please explain the gap under section B.2.3.</li> <li>2. 2<sup>nd</sup> CP design renewal certification date must be the last day of 4 week design review period which had started on 22/04/2024 (date of submission documents). Please revise accordingly.</li> <li>3. Registered name is Bergres Wind Power Project in GS website, please revise accordingly.</li> </ol> |   |                    |  |                         |
| <b>Project participant response</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |   |                    |  | <b>Date:</b> 19/06/2025 |
| <ol style="list-style-type: none"> <li>1. The start of the 2<sup>nd</sup> crediting period is also the start of the monitoring period. The error has been corrected and explained at relevant section.</li> <li>2. 2<sup>nd</sup> CP design renewal certification date corrected as 20/05/2024.</li> <li>3. It has been revised.</li> </ol>                                                                                                                                                                          |   |                    |  |                         |
| <b>Documentation provided by project participant</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |   |                    |  |                         |
| <b>VVB assessment</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |   |                    |  |                         |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |   |                    |  | <b>Date:</b> 30/0/2025  |

|                     |
|---------------------|
| 1. <u>Verified.</u> |
| 2. <u>Verified.</u> |
| 3. <u>Verified.</u> |

|                                                                                                                                                                                                                                                                                                                               |   |                    |  |                         |
|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---|--------------------|--|-------------------------|
| <b>CR ID</b>                                                                                                                                                                                                                                                                                                                  | 3 | <b>Section no.</b> |  | <b>Date:</b> 18/06/2025 |
| <b>Description of CR</b>                                                                                                                                                                                                                                                                                                      |   |                    |  |                         |
| 1. MP started on 01/05/2024 in MR. However, data shared in excel sheet started from 21 April 2024. Please revise accordingly. Revise total electricity generation and ER calculation as well.<br>2. Annual electricity generation and ER estimations are not aligned with excel and registered PD. Please revise accordingly. |   |                    |  |                         |
| <b>Project participant response</b>                                                                                                                                                                                                                                                                                           |   |                    |  | <b>Date:</b> 19/06/2025 |
| 1. The monitoring report has been revised to reflect the actual start date of the monitoring period as 21/04/2024<br>2. The annual electricity generation and emission reduction (ER) estimations have been checked and found to be consistent with the Excel sheet and the registered Project Design Document (PDD)          |   |                    |  |                         |
| <b>Documentation provided by project participant</b>                                                                                                                                                                                                                                                                          |   |                    |  |                         |
|                                                                                                                                                                                                                                                                                                                               |   |                    |  |                         |
| <b>VVB assessment</b>                                                                                                                                                                                                                                                                                                         |   |                    |  | <b>Date:</b> 30/06/2025 |
| 1. <u>Verified.</u><br><br>2. <u>Verified.</u>                                                                                                                                                                                                                                                                                |   |                    |  |                         |

**Table 3. CAR from this verification**

|                                                      |  |                    |  |              |
|------------------------------------------------------|--|--------------------|--|--------------|
| <b>CAR ID</b>                                        |  | <b>Section no.</b> |  | <b>Date:</b> |
| <b>Description of CAR</b>                            |  |                    |  |              |
|                                                      |  |                    |  |              |
| <b>Project participant response</b>                  |  |                    |  | <b>Date:</b> |
|                                                      |  |                    |  |              |
| <b>Documentation provided by project participant</b> |  |                    |  |              |
|                                                      |  |                    |  |              |
| <b>VVB assessment</b>                                |  |                    |  | <b>Date:</b> |
|                                                      |  |                    |  |              |

**Table 4. FAR from this verification**

|                                                      |  |                    |  |              |
|------------------------------------------------------|--|--------------------|--|--------------|
| <b>FAR ID</b>                                        |  | <b>Section No.</b> |  | <b>Date:</b> |
| <b>Description of FAR</b>                            |  |                    |  |              |
|                                                      |  |                    |  |              |
| <b>Project participant response</b>                  |  |                    |  | <b>Date:</b> |
|                                                      |  |                    |  |              |
| <b>Documentation provided by project participant</b> |  |                    |  |              |
|                                                      |  |                    |  |              |
| <b>VVB assessment</b>                                |  |                    |  | <b>Date:</b> |
|                                                      |  |                    |  |              |

**Document information**

| <i>Version</i> | <i>Date</i> | <i>Description</i>   |
|----------------|-------------|----------------------|
| 01.0           | 10/06/2016  | Initial publication. |
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|                |             |                      |