GLOBAL CARBON COUNCIL

Driving Climate Actions

Project Verification Report

V3.1 - 2020

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CONTENTS

COVER PAGE Project Verification Report Form (PVR)	
BASIC INFORMATION	
Name of approved GCC Project Verifier / Reference No. (also provide weblink of approved GCC Certificate)	LGAI Technological Centre S.A / GCCV009/00 (https://www.globalcarboncouncil.com/wp-content/uploads/2023/06/GCCV-00900-LGAI-GCC-Verifier-Certificate.pdf)
Type of Accreditation	☐ Individual Track[1] ☒ CDM Accreditation Name of the entity that provided the accreditation: UNFCCC Date of validity: 04/10/2023 Weblink of the active accreditation certificate and approval: https://cdm.unfccc.int/DOE/list/DOE.html?entityCode=E-0032 ☐ ISO 14065 Accreditation
Approved GCC Scopes and GHG Sectoral scopes for Project Verification	GCC Scopes: Environmental No-harm (E+) Social No-Harm (S+) Sustainable Development Goals (SDG+) GHG sectoral Scope: Scope 1 - Energy (renewable/non-renewable sources)
Validity of GCC approval of Verifier	06/06/2022 to 05/09/2023 (extended by GCC)
Title, completion date, and Version number of the PSF to which this report applies	Title: Bundled Wind Power Project By Fiba Yenilenebilir Enerji Completion date: 07/09/2023 Version number: 05
Title of the project activity	Bundled Wind Power Project By Fiba Yenilenebilir Enerji
Project submission reference no. (as provided by GCC Program during GSC)	S00353
Eligible GCC Project Type[2] as per the Project Standard (Tick applicable project type)	☒ **Type A:** ☐ Type A1 ☒ Type A2 (Sub-Type 1) ☐ **Type B – De-registered CDM Projects:** ☐ Type B1

[1] **Note:** GCC Verifier under Individual tack is not eligible to conduct verifications for the GCC project that intends to supply carbon credits (ACCs) for CORSIA requirements.

[2] Project Types defined in Project Standard and Program Definitions on GCC website.

<table>
<tr><td></td><td>☐ Type[3] B2</td></tr>
<tr><td>Date of completion of Local stakeholder consultation</td><td>Date of completion: 18/01/2022 & 19/01/2022</td></tr>
<tr><td>Date of completion and period of Global stakeholder consultation. Have the GSC comments been verified. Provide web-link.</td><td>Date of GSC completion: 25/09/2022
GSC Period: 11/09/2022 to 25/09/2022
https://www.globalcarboncouncil.com/global-stakeholders-consultation-5/
No comments received for this project</td></tr>
<tr><td>Name of Entity requesting verification service
(can be Project Owners themselves or any Entity having authorization of Project Owners)</td><td>Fiba Yenilenebilir Enerji Holding A. Ş. .</td></tr>
<tr><td>Contact details of the representative of the Entity, requesting verification service
(Focal Point assigned for all communications)</td><td>Mr. Koray Kıymaz
Site In-charge
koray.kiymaz@fibaenerji.com</td></tr>
<tr><td>Country where project is located</td><td>Turkey</td></tr>
<tr><td>GPS coordinates of the Project site(s)</td><td>
<table>
<tr><th>Project Name</th><th>WTG ID</th><th>DMS</th><th>Decimal Degrees</th></tr>
<tr><td rowspan="13">Yalova WPP</td><td>T1</td><td>40°33’53.2800” N
28°59’08.8800” E</td><td>40.5648 °
28.9858 °</td></tr>
<tr><td>T2</td><td>40°33’36.0000” N
28°58’55.5600” E</td><td>40.5600 °
28.9821 °</td></tr>
<tr><td>T3</td><td>40°33’32.7600” N
28°59’08.1600” E</td><td>40.5591 °
28.9856 °</td></tr>
<tr><td>T4</td><td>40°33’26.6400” N
28°59’18.2400” E</td><td>40.5574 °
28.9884 °</td></tr>
<tr><td>T5</td><td>40°33’14.7600” N
28°59’24.0000” E</td><td>40.5541 °
28.9900 °</td></tr>
<tr><td>T6</td><td>40°33’18.7200” N
28°59’45.6000” E</td><td>40.5552 °
28.9960 °</td></tr>
<tr><td>T7</td><td>40°33’53.6400” N
29°00’40.3200” E</td><td>40.5649 °
29.0112 °</td></tr>
<tr><td>T8</td><td>40°33’42.4800” N
29°00’52.2000” E</td><td>40.5618 °
29.0145 °</td></tr>
<tr><td>T9</td><td>40°31’52.3200” N
29°01’44.0400” E</td><td>40.5312 °
29.0289 °</td></tr>
<tr><td>T10</td><td>40°31’40.0800” N
29°01’53.7600” E</td><td>40.5278 °
29.0316 °</td></tr>
<tr><td>T11</td><td>40°31’54.8400” N
29°02’04.5600” E</td><td>40.5319 °
29.0346 °</td></tr>
<tr><td>T12</td><td>40°31’47.6400” N
29°02’14.6400” E</td><td>40.5299 °
29.0374 °</td></tr>
<tr><td>T13</td><td>40°31’40.0800” N</td><td>40.5278 °</td></tr>
</table>
</td></tr>
</table>

[3] GCC Project Verifier shall conduct Project Verification for all project types except B_2.

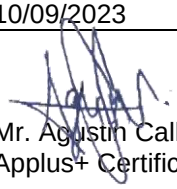
			29°02’24.3600” E	29.0401 °
		T14	40°31’34.3200” N 29°02’36.2400” E	40.5262 ° 29.0434 °
	Pazarköy WPP	T1	39°47’27.3817” N 27°24’32.9295” E	39.7909 ° 27.4091 °
		T2	39°47’21.4052” N 27°24’44.4145” E	39.7892 ° 27.4123 °
		T3	39°47’20.4357” N 27°25’01.5631” E	39.7890 ° 27.4171 °
		T4	39°48’40.9270” N 27°26’58.5943” E	39.8113 ° 27.4496 °
		T5	39°48’55.7363” N 27°27’02.2239” E	39.8154 ° 27.4506 °
		T6	39°48’47.3291” N 27°27’12.1372” E	39.8131 ° 27.4533 °
		T7	39°49’11.2606” N 27°28’58.2533” E	39.8197 ° 27.4828 °
		T8	39°49’28.8809” N 27°29’04.2239” E	39.8246 ° 27.4845 °
		T9	39°49’05.3741” N 27°29’09.7373” E	39.8181 ° 27.4860 °
		T10	39°49’24.9010” N 27°29’17.3626” E	39.8235 ° 27.4881 °
		T11	39°49’22.9221” N 27°29’48.0146” E	39.8230 ° 27.4966 °
		T12	39°49’23.7386” N 27°30’01.8181” E	39.8232 ° 27.5005 °

Applied methodologies (approved methodologies of GCC or CDM can be used)	ACM0002 Grid-connected electricity generation from renewable sources - Version 21.0[4]
GHG Sectoral scopes linked to the applied methodologies	GHG-SS #1. Energy (renewable/non-renewable sources)
Project Verification Criteria: Mandatory requirements to be assessed	☒ ISO 14064-2, ISO 14064-3 ☒ GCC Rules and Requirements ☒ Applicable Approved Methodology ☒ Applicable Legal requirements /rules of host country ☒ National Sustainable Development Criteria (if any) ☒ Eligibility of the Project Type ☒ Start date of the Project activity ☒ Meet applicability conditions in the applied methodology ☒ Credible Baseline ☒ Additionality ☒ Emission Reduction calculations ☒ Monitoring Plan ☒ No GHG Double Counting ☒ Local Stakeholder Consultation Process

[4] https://cdm.unfccc.int/methodologies/DB/HF3LP6O41YY0JIP1DK6ZRJO9RSCX3S

	☒ Global Stakeholder Consultation Process ☒ United Nations Sustainable Development Goals (Goal No 13-Climate Change) ☐ Others (please mention below)
Project Verification Criteria: Optional requirements to be assessed	☒ Environmental Safeguards Standard and do-no-harm criteria ☒ Social Safeguards Standard do-no-harm criteria ☒ United Nations Sustainable Development Goals (in additional to SDG 13) ☒ CORSIA requirements
Project Verifier's Confirmation: The *GCC Project Verifier* has verified the GCC project activity and therefore confirms the following:	The GCC Project Verifier [LGAI Technological Centre S.A], certifies the following with respect to the GCC Project Activity [Bundled Wind Power Project By Fiba Yenilenebilir Enerji]. ☒ The Project Owner has correctly described the Project Activity in the Project Submission Form (Version 5.0, dated 07/09/2023 including the applicability of the approved methodology [ACM0002, Version 21.0] and meets the methodology applicability conditions and is expected to achieve the forecasted real and additional GHG emission reductions, complies with the monitoring methodology, has appropriately conducted local and global stakeholder consultation processes and has calculated emission reductions estimates correctly and conservatively. ☒ The Project Activity is likely to generate GHG emission reductions amounting to the estimated 168,981 tCO_2e annual average, as indicated in the PSF, which are additional to the reductions that are likely to occur in absence of the Project Activity and complies with all applicable GCC rules, including ISO 14064-2 and ISO 14064-3. ☒ The Project Activity is not likely to cause any net-harm to the environment and/or society and complies with the Environmental and Social Safeguards Standard, and is likely to achieve the following labels: ☒ Environmental No-net-harm Label (**E⁺**) ☒ Social No-net-harm Label (**S⁺**) ☒ The Project Activity is likely to contribute to the achievement of United Nations Sustainability Development Goals (SDGs), complies with the Project Sustainability Standard, and contributes to achieving a total of [4 SDGs (5, 7, 8 and 13)], with the following[5] SDG certification label (**SDG⁺**): ☐ Bronze SDG Label ☐ Silver SDG Label ☒ Gold SDG Label ☐ Platinum SDG Label ☐ Diamond SDG Label

[5] SDG Certification labels: Bronze label (1 star): by achieving 2 out of 17 SDGs; Silver label (2 star): by achieving 3 out of 17 SDGs; Gold label (3 star): by achieving 4 out of 17 SDGs; Platinum label (4 star): by achieving 5 out of 17 SDGs; and Diamond label (5 star): by achieving more than 5 out of 17 SDGs.

	☒ The Project Activity complies with all the applicable GCC rules[6] and therefore recommends GCC Program to register the Project activity with above mentioned labels.
Project Verification Report, reference number and date of approval	Version: 02 Ref. No. TQC 39422 10/09/2023
Name of the authorised personnel of GCC Project Verifier and his/her signature with date	 Mr. Agustín Calle de Miguel Applus+ Certification CDM Technical Manager Date: 10/09/2023

[6] "GCC Rules" are defined in Project Definitions and refers to the rules and requirements set out by the GCC program related to GHG emission reductions and its voluntary certification labels and are available on the GCC Program's public website: https://www.globalcarboncouncil.com/resource-centre.html

1. PROJECT VERIFICATION REPORT

Section A. Executive summary

LGAI Technological Center S.A has been contracted by “Fiba Yenilenebilir Enerji Holding A. Ş.” an authorised Project Owner to perform Project Verification of GCC Project Activity “Bundled Wind Power Project By Fiba Yenilenebilir Enerji” (GCC ref. no. S00353) and implemented safeguards aimed to achieve environmental and social impacts without causing any net harm. During this verification exercise, emission reductions claimed and contribution of the project activity towards the United Nations Sustainable Development Goals would also be verified along with Environmental (E+) and Social safeguards (S+).

The objectives of this verification exercise are, by review of objective evidence, to establish that:

- The project activity has been implemented as per the PSF/1/ and that all physical features (technology, project equipment, and monitoring and metering equipment) of the project are in place;
- PSF and other supporting documents are complete;
- The actual monitoring systems & procedures and monitoring report conforms with the requirements of the approved monitoring methodology/4/;

Brief Summary of the Project Activity

The purpose of project activity is to generate clean form of electricity through renewable Wind energy source. The project “Bundled Wind Power Project By Fiba Yenilenebilir Enerji” is bundled of two projects represented by Fiba Yenilenebilir Enerji Holding A. Ş having combined capacity of 98.8 MWm / 94.0 MWe, wind power plant consisting two projects which are owned by two different sister companies (demonstrated under below table) being represented by Fiba Yenilenebilir Enerji Holding A. Ş. supplying generated electricity to the fossil-fuel intensive Turkish National Power Grid of Turkey.

Project Name	Site	Legal Owner	Project Owner
Pazarköy WPP	Balıkesir and Çanakkale Provinces / Turkey	Tekno Rüzgar Enerji Yatırım Üretim ve Ticaret Anonim Şirketi	Fiba Yenilenebilir Enerji Holding A. Ş.
Yalova WPP	Bursa and Yalova Provinces / Turkey	Yares Elektrik Üretim Anonim Şirketi	

The project activity is commissioned/14/ as stated in the following table. The table is encapsulating commissioning date, turbine number, WTGs installed capacity, (incorporating both the project included under the bundle) details of the project activity.

Pazarköy WPP			
Turbine No	**Capacity (MWe)**	**Capacity (MWm)**	**Commissioning Date**
T1	3.67	3.80	29/05/2021
T2	3.67	3.80	29/05/2021
T3	3.67	3.80	29/05/2021
T4	3.67	3.80	**22/10/2020**
T5	3.67	3.80	23/09/2021
T6	3.67	3.80	23/09/2021
T7	3.67	3.80	29/05/2021
T8	3.67	3.80	08/07/2021

T9	3.67	3.80	29/05/2021
T10	3.67	3.80	08/07/2021
T11	3.67	3.80	05/08/2021
T12	3.63	3.80	13/08/2021
TOTAL	**44**	**45.6**	**-**

Yalova WPP			
Turbine No	**Capacity (MWe)**	**Capacity (MWm)**	**Commissioning Date**
T1	3.572	3.8	17/06/2021
T2	3.572	3.8	17/06/2021
T3	3.572	3.8	17/06/2021
T4	3.572	3.8	14/07/2021
T5	3.572	3.8	14/07/2021
T6	3.572	3.8	05/08/2021
T7	3.572	3.8	29/04/2021
T8	3.572	3.8	29/04/2021
T9	3.572	3.8	26/10/2020
T10	3.572	3.8	15/01/2021
T11	3.572	3.8	15/01/2021
T12	3.572	3.8	15/01/2021
T13	3.572	3.8	05/03/2021
T14	3.564	3.8	05/03/2021
TOTAL	**50**	**53.2**	-

The bundled project activity involves the development, construction and operation of a Greenfield Wind power plant by Fiba Yenilenebilir Enerji Holding A. Ş. It is a green field power project located in Balıkesir & Çanakkale (Pazarköy WPP) and Bursa & Yalova (**Yalova WPP**) provinces of Turkey. The generated electricity is sold to Turkish Electricity Board under a Generation License/17/.

Bundled project details:

Project Name	**Turbine capacity**	**Number of Turbines**	**Total Installed Capacity (MWe)**	**Total Installed Capacity (MWm)**	**Estimated Gross Generation (MWh/year)**
Pazarköy WPP	- 11 turbines with 3.67 Mwe / 3.8 MWm - 1 turbine with 3.63 Mwe / 3.8 MWm	12	44	45.6	1,36,060
Yalova WPP	- 13 turbines with 3.572 Mwe / 3.8 MWm - 1 turbine with 3.564 Mwe / 3.8 MWm	14	50	53.2	1,24,392
Total	**-**	**26**	**94**	**98.8**	**2,60,425**

Some of the important technical specifications of the project are provided in the following table

Project Name	**Manufacturer**	**Capacity**	**Rotor diameter**	**Swipe Area**	**Hub height**	**Nominal Output Power**
Pazarköy WPP	GE3.8 - 130	1 x (3.8 MWm / 3.63 Mwe)	130 m	13,273 m^2	110 m	3,600 kW

		11 x (3.8 MWm / 3.67 Mwe)				
Yalova WPP	GE3.8 - 130	1 x (3.8 MWm / 3.564 MWe) 13 x (3.8 MWm / 3.572 MWe)	130 m	13,273 m^2	110 m	3,830 kW

The project boundary includes the project site where the plant has been installed, power evacuation infrastructure including the other power stations feeding to the connected electricity grid, energy metering points, switch yards and other civil constructions. The estimated annual average power generation, by the project activity is 2,60,425 MWh, which is exported to the National Power Grid of Turkey. It will result into annual average ACCs of up to 168,981 tCO_2e and a total of 16,89,810 tCO_2e ACCs over 10-year period. The generated ACCs will be utilized to offset GHG emissions.

Scope of verification:

The scope of the services provided by LGAI Technological Center S.A, for the project is to perform Project Verification of concerned GCC Project Activity and implemented safeguards aimed to achieve environmental and social impacts without causing any net harm. The contribution of the project activity towards the United Nations Sustainable Development Goals and CORSIA requirements would also be verified.
The scope of project verification is to provide an independent evaluation on the proposed GCC project activity with respect to commitments and targets based on forecasted GHG emission reductions or net anthropogenic GHG removals, sustainability and environmental and social do no-net-harm, against applicable GCC rules and requirements/6/. Claims and assumptions made in the Project Submission Form (PSF) /1/are assessed against ISO 14064-2 and ISO 14064-3/5/ and GCC criteria, including but not limited to, GCC Program Framework and Program Manual, GCC PS, GCC VS/6/, applied CDM methodology/4/ and other relevant rules and requirements established under Program process.

Project Verification Process:

LGAI Technological Center S.A employed a risk-based approach in the verification, focusing on the identification of significant risks for project implementation. The verification process was undertaken by a competent verification team and involved the following:
(a) Document review, involving:

- A review of documents and evidence submitted by the project owner in context of the reference rules and guidelines issued by GCC;
- Cross checks between the information provided in the PSF/1/ and information from the publicly available sources, GCC Verifier's sectoral expertise; and, independent background investigations;

(b) Follow Interview/site visit , including:

- Interviews during physical site visit with stakeholders/ representative of the project owners in the project host country (i.e. Turkey);
- Cross checks between information provided by interviewed personnel to ensure that no relevant information has been omitted;

(c) Reference to available information related to projects or technologies similar to the proposed GCC Project Activity under verification;
(d) Review, based on the selected methodologies and applied methodological tools, on the appropriateness of formulae and accuracy of calculations;
(e) Quality Control. the draft verification report prepared by the verifier to confirm if the internal procedures established and implemented;

(f) Reporting audit findings with respect to clarifications, non-conformities and the closure of the findings, as appropriate and;
(g) Preparation of a draft verification opinion based on the auditing findings and conclusions;
(h) Technical review of the draft verification opinion along with other documents as appropriate by an independent competent technical review team;
(i) Finalization of the Project Verification Opinion (this report).

Assessment of the verification:

According to the applicable sectoral scope / technical area and experience in the sectoral or national business environment, LGAI Technological Center, S.A. has composed a project assessment team in compliance with the contract Review and Assessment Team appointment rules in the Internal Quality Management Systems of LGAI Technological Center as well as in compliance with the applicable requirements in the accreditation standard.

The composition of Assessment Team (LGAI Technological Center validation team) has been approved by LGAI Technological Center during the Contract Review process ensuring that the required skills and capabilities are covered.

The four qualification levels for Assessment Team members that are assigned by team members that are assigned by aforementioned appointment rules are as presented below:

- Lead Auditor (LA)
- Auditor (A)
- Technical Expert (TE)
- Financial Expert (FE)
- Technical Reviewer (TR)
- Any of the above-mentioned roles in training (iT, e.g. AiT for auditor in training).

The Sectoral Scope / Technical Areas required knowledge linked to the applied methodology(ies) is covered by the Assessment Team as shown below:

Name	Role	SS Coverage	TA Coverage	Financial aspect	Host country experience
Mr. Jitendra Mohan Singh	LA/TE	Yes	Yes	Yes	Yes
Mr. Jitendra Mohan Singh	FE	Yes	Yes	Yes	Yes
Dr. N Premjit Singh	TR/TE	Yes	Yes	Yes	NA

The complete list of CVs is included as Appendix 2 of this report.

Team has been selected based on host country knowledge, technical expertise, understanding of ISO 14064-2, ISO 14064-3/5/, applied methodology and methodological tool, GCC guidelines, rules and regulations related to project activity/4//6/, and auditing skills. LGAI confirms that assessment team is completely independent of all other aspect of project or its components

Conclusion

The review of the PSF/1/, supporting documentation, Interview with PP representatives have provided LGAI with sufficient evidence to determine the fulfillment of stated criteria. LGAI is of the opinion that the project activity “Bundled Wind Power Project By Fiba Yenilenebilir Enerji” as described in the final PSF/1/ meets all relevant requirements of GCC, applied E+, S+, SDG+ & C+ Label/criteria requirements and host country (legal requirements for producing power) criteria and has correctly applied the methodology ACM0002, Version 21.0./4/

Therefore, the project is being recommended to GCC Operations Team for request for registration.

The Project Activity complies with all the applicable requirement of the GCC Program and ICAO's requirements on CORSIA Emissions Unit Eligibility Criteria and CORSIA Eligible Emissions Units, as per Clarification No 1., v1.3 paragraph 23-25, and the ACCs expected to be issued during the crediting period is likely to be CORSIA eligible and can be used by International Airlines for offsetting their emissions during all phases of CORSIA and therefore requests GCC Steering Committee to append CORSIA Certification label (C+) to this project.

The Project Activity is not likely to cause any net-harm to the environment and/or society and complies with the Environmental and Social Safeguards Standard and therefore requests GCC Steering Committee to append to this project Environmental No-net-harm Label (E+), Social No-net-harm Label (S+) to this project.

The Project Activity is likely to contribute to the achievement of United Nations Sustainable Development Goals (SDGs), complies with the Project Sustainability Standard and therefore requests GCC Steering Committee to append UN SDG Certification Labels (SDG+) to this project.

Therefore, the project activity is being recommended to GCC steering committee for registration.

Section B. Project Verification team, technical reviewer and approver

B.1 Project Verification team

No.	Role	Type of resource	Last name	First name	Affiliation (e.g. name of central or other office of GCC Project Verifier or outsourced entity)	Involvement in			
						Desk/document review	On-site inspection	Interviews	Project Verification findings
1.	Team Leader, Technical Expert,	OR	Singh	Jitendra Mohan	True Quality Certifications Private Limited-Outsourced entity	✓	✓	✓	✓
3.	Financial Expert	OR	Singh	Jitendra Mohan	True Quality Certifications Private Limited-Outsourced entity	✓	✓	✓	✓

B.2 Technical reviewer and approver of the Project Verification report

No.	Role	Type of resource	Last name	First name	Affiliation (e.g. name of central or other office of GCC Project Verifier or outsourced entity)
1.	Technical reviewer, Technical Expert	IR	Singh	N Premjit	Applus+ Certification
2.	Approver	IR	Calle de Miguel	Agustin	Applus+ Certification

Section C. Means of Project Verification

C.1 Desk/document review

A desk review is undertaken, involving but not limited to,

- A review of the data and information presented to verify their completeness, and to assess the nature, scale and complexity of the verification activity.
- A review of the monitoring plan and monitoring methodology, paying attention to the frequency of measurements, the quality of metering equipment including calibration requirements, and the quality assurance and quality control procedures;
- An evaluation of data management and the quality assurance & quality control system in the context of their influence on the generation and reporting of emission reductions, to achieve the desired confidence in the project owner's GHG information and claims regarding the additional certification labels (E+, S+, SDG+ and CORSIA market eligibility).
- Review of GCC and GSC comments have been taken into account. There are no GCC comment from GCC during the listing of project and global stakeholder. Assessment team confirms the same has been checked through screenshots of project listing webpage by the PP.

The list of documents reviewed is included in the section 'Appendix 3' of this report.

C.2 On-site inspection

Duration of on-site inspection: 09/02/2023-10/02/2023				
No.	**Activity performed on-site**	**Site location**	**Date**	**Team member**
1. 2. 3. 4. 5. 6. 7. 8. 9. 10. 11. 12. 13. 14. 15.	The project verification team conducted interviews with the project owner, plant in-charge, other stakeholders to confirm the information and to resolve issues identified in the document review. An assessment was conducted as a part of verification activity and involved: An assessment of the implementation and operation of the project activity as per the PSF/1/and GCC requirements To verify that the project design, as documented is sound and reasonable, and meets the identified criteria GCC Standard Requirements/6/ and associated guidance To assess conformance with the certification criteria as laid out in the GCC Standards; /6/ To evaluate the conformance with the certification scope, including the GHG project and baseline scenarios, additionality; GHG sources and the physical infrastructure, activities, technologies and processes of the GHG project to the requirements of the CDM/GCC; /4//6/ To evaluate the calculation of GHG emissions, including the correctness and transparency of formulae and factors used; assumptions related to estimating GHG emission reductions; and uncertainties; and To determine whether the project could reasonably be expected to achieve the estimated GHG reduction/removals. A review of information flows for generating, aggregating and reporting of the ex-ante parameters and ex- post monitoring parameters. A review of parameters identified for sustainable development goals identified in the PSF/1/ Interviews with relevant personnel to confirm that the operational and data collection procedures can be implemented in accordance with the Monitoring Plan A cross-check between information provided in the submitted documents and data from other sources A review of calculations and assumptions made in determining the GHG data and estimated ERs, and An identification of QA/QC procedures in place to prevent, or identify and correct, any errors or omissions in the reported monitoring parameters Verification of Stakeholder Consultation by interviewing the stakeholders	Balıkesir & Çanakkale, and Bursa & Yalova provinces of Turkey	09/02/2023-10/02/2023	Jitendra Mohan Singh (TL/TE/FE)

C.3 Interviews

No.	Interview			Date	Subject	Team member
	Last name	First name	Affiliation			
1.	Giftgi	Omer Faruk	Business Development Executive (PO Representative)	09/02/ 2023	Project Implementation status, project, Installed capacities and legal compliances, Project Boundary methodology Eligibility criteria of host country requirement, project start date, crediting period, Role and Responsibilities of PO, Legal Ownership of PA, Double Counting of carbon credits, E+.S+.SDG and CORSIA aspects, Project boundaries.	Jitendra Mohan Singh (Team Leader/ Technical Expert & Financial Expert)
2.	Zebil	Baeis	Site in charge (PO Representative)	09/02/ 2023	Monitoring plan, Baseline Assumptions Emission reduction calculations, Additionality Training to the Monitoring personnel, Operation & Management of Plant, Data recording & data storage Env. Health & Safety, QA/QC, Local stakeholder	
3.	Naval	Buse	Consultant EKI Energy	09/02/ 2023	Additionality Training to the Monitoring personnel, Baseline Assumptions Emission reduction calculations, Investment Analysis, E+, S+, SDG+, CORSIA+ Contribution of the project towards sustainable development	
4.	Yilmaz	Batuhan	Consultant EKI Energy	09/02/ 2023		
5.	Ozdemir	Salim	Local Stakeholder	09/02/ 2023	Local issues/ Grievances/project benefits for locals	
6.	Kusuk	Dusun	Local Stakeholder	09/02/ 2023		
7.	Tufan	Sami	Local Stakeholder	09/02/ 2023		
8.	Tunca	Mehmet	Local Stakeholder	09/02/ 2023		

No.	Interview			Date	Subject	Team member
	Last name	First name	Affiliation			
1.	Giftgi	Omer Faruk	Business Development Executive (PP representative)	10/02/2023	Implementation status, project, Installed capacities and legal compliances Project Boundary methodology, Eligibility criteria of host country requirement, project start date, crediting period, Role and Responsibilities of PO, Legal Ownership of PA, Double Counting of carbon credits, E+.S+.SDG and CORSIA aspects, Project boundaries	Jitendra Mohan Singh (Team Leader/ Technical Expert & Financial Expert)
2.	Oem	Gelebi	Techno/ Operations Manager (Project Owner Representative)	10/02/2023	Monitoring plan, Baseline Assumptions Emission reduction calculations, Additionality Training to the Monitoring personnel Operation and Management of Plant, Data recording & data storage Env. Health & Safety, QA/QC, Local stakeholder	
3.	Afmaqen	Adnan	Techno-Operation Manager (Project Owner Representative)	10/02/2023	Project Implementation, Monitoring Plan, Baseline Assumptions Emission reduction calculations, Additionality Training to the Monitoring personnel Local Stakeholder Consultation,	
4.	Noval	Buse	Consultant (EKI Energy)	10/02/2023	Additionality Training to the Monitoring personnel, Baseline Assumptions Emission reduction calculations Investment Analysis, E+, S+, SDG+, CORSIA+ Contribution of the project towards sustainable development	
5.	Yilmaz	Batuhan	Consultant (EKI Energy)	10/02/2023		
6.	Kanogoi	Eye	Wildlife specialist (Project Owner Representative)	10/02/2023	Operation & Management of Plant, Data recording & data storage Env. Health & Safety, QA/QC, Local stakeholder grievances	
7.	Alcan	Romocan	Local Stakeholder	10/02/2023	Local issues/ Grievances	

C.4 Sampling approach

No Sampling Approach is used during project verification. All the data provided by the project owner has been duly verified.

C.5 Clarification request (CLs), corrective action request (CARs) and forward action request (FARs) raised

Areas of Project Verification findings	Applicable to Project Types	No. of CL	No. of CAR	No. of FAR
Green House Gas (GHG)				
Identification and Eligibility of project type	A_1, A_2, B_1, B_2	00	00	00
General description of project activity	A_1, A_2, B_1, B_2	01	02	00
Application and selection of methodologies and standardized baselines	A_1, A_2, B_1, B_2	00	00	00
- Application of methodologies and standardized baselines	A_1, A_2, B_1, B_2	01	02	00
- Deviation from methodology and/or methodological tool	A_1, A_2, B_1, B_2	00	00	00
- Clarification on applicability of methodology, tool and/or standardized baseline	A_1, A_2, B_1, B_2	00	00	00
- Project boundary, sources and GHGs	A_1, A_2, B_1, B_2	00	00	00
- Baseline scenario	A_1, A_2, B_1, B_2	00	00	00
- Demonstration of additionality including the Legal Requirements test	A_1, A_2, B_1, B_2	02	03	00
- Estimation of emission reductions or net anthropogenic removals	A_1, A_2, B_1, B_2	00	01	00
- Monitoring plan	A_1, A_2, B_1, B_2	00	01	00
Start date, crediting period and duration	A_1, A_2, B_1, B_2	00	01	00
Environmental impacts	A_1, A_2, B_1, B_2	00	00	00
Local stakeholder consultation	A_1, A_2, B_1	00	01	00
Approval & Authorization- Host Country Clearance	A_1, A_2, B_1, B_2	00	00	00
Project Owner- Identification and communication	A_1, A_2, B_1, B_2	00	00	00
Global stakeholder consultation	A_1, A_2, B_1	01	00	00
Others (Refer finding section attached in the report)	A_1, A_2, B_1, B_2	00	00	00
VOLUNTARY CERTIFICATION LABELS				
Environmental Safeguards (E^+)	A_1, A_2, B_1	00	01	00
Social Safeguards (S^+)	A_1, A_2, B_1	00	00	00
Sustainable development Goals (SDG^+)	A_1, A_2, B_1	00	00	00
Authorization on Double Counting from Host Country (only for CORSIA)	A_1, A_2, B_1	01	00	01
CORSIA Eligibility (C^+)		00	00	00
Total		**06**	**12**	**01**

Section D. Project Verification findings

D.1 Identification and eligibility of project type

Means of Project Verification	The project activity has identified itself as A2 category, Sub-type 1 which was found acceptable since the project has not been registered under any GHG program and the program operations started since October 2020, which was

	checked against the Turkish environmental regulations, an "Environmental Impact Assessment (EIA) Positive Letter" was approved by the Ministry of Environment and Urbanization by 08/04/2019 for "Yalova Wind Power Plant" and EIA Exemption Letter by dated 19/06/2018 for "Pazarkoy Wind Power Plant" /9/. This has been verified based on GCC's Rules and requirements. /6/ Further, following points are verified by the assessment team; a. It is not required by a legal mandate and it does not implement a legally enforced mandate as confirmed from the EIA certificate /9/. b. It complies with all the applicable host country legal requirements /6/ and it ensures compliance with legal requirements as it has acquired provisional acceptance certificates from the TEIAS prior to the start of the commercial operation of the project /14/ a. The project also delivers real, measurable and additional emission reduction/2/ of 168,981 tCO_2e annually (average value over the crediting period) as compared to the baseline scenario. b. Project applies an approved CDM monitoring and baseline methodology ACM0002. Version 21.0. /4/
Findings	No finding was raised
Conclusion	The project activity was found eligible as per the requirements under section 4 and has been confirmed to be type A2 project in line with paragraph 11 (a) (ii) of the GCC Project Standard version 3.1/6/.

D.2 General description of project activity

Means of Project Verification

The project activity involves installation of a 94.0 MWe /14/ Wind power plant which includes 12 turbines: 1 turbine with 3.8 MWm / 3.63 MWe capacity, 11 turbines with 3.8 MWm / 3.67 MWe for Pazarköy WPP project and uses 14 turbines: 1 turbine with 3.8 MWm / 3.564 MWe, 13 turbines with 3.8 MWm / 3.572 MWe for Yalova WPP project.

The technologies used by the bundle wind power project are as follows:

Project Name	Manufacturer	Capacity	Rotor diameter	Swipe Area	Hub height	Nominal Output Power
Pazarköy WPP	GE3.8 - 130	1 x (3.8 MWm / 3.63 MWe)	130 m	13,273 m^2	110 m	3,600 kW
		11 x (3.8 MWm / 3.67 MWe)				
Yalova WPP	GE3.8 - 130	1 x (3.8 MWm / 3.564 MWe)	130 m	13,273 m^2	110	3,830 kW
		13 x (3.8 MWm / 3.572 MWe)				

The project is a greenfield project and in the absence of the same the electricity requirement would have been met from fossil fuel intensive national grid. Therefore, the national grid has been selected as the baseline appropriately.

During the physical site visit and documents review , the verification team found that the project installation was complete, and the project installation was carried out in accordance with the feasibility report /8/.

The project activity is located in Balıkesir & Çanakkale and Bursa & Yalova provinces of Turkey. The location was checked with the help of satellite images via independent research. The coordinates of the physical site of the project activity are as follows:

Project Name	WTG ID	DMS	Decimal Degrees
Yalova WPP	T1	40°33'53.2800" N 28°59'08.8800" E	40.5648 ° 28.9858 °
	T2	40°33'36.0000" N 28°58'55.5600" E	40.5600 ° 28.9821 °
	T3	40°33'32.7600" N 28°59'08.1600" E	40.5591 ° 28.9856 °
	T4	40°33'26.6400" N 28°59'18.2400" E	40.5574 ° 28.9884 °
	T5	40°33'14.7600" N 28°59'24.0000" E	40.5541 ° 28.9900 °
	T6	40°33'18.7200" N 28°59'45.6000" E	40.5552 ° 28.9960 °
	T7	40°33'53.6400" N 29°00'40.3200" E	40.5649 ° 29.0112 °
	T8	40°33'42.4800" N 29°00'52.2000" E	40.5618 ° 29.0145 °
	T9	40°31'52.3200" N 29°01'44.0400" E	40.5312 ° 29.0289 °
	T10	40°31'40.0800" N 29°01'53.7600" E	40.5278 ° 29.0316 °
	T11	40°31'54.8400" N 29°02'04.5600" E	40.5319 ° 29.0346 °
	T12	40°31'47.6400" N 29°02'14.6400" E	40.5299 ° 29.0374 °
	T13	40°31'40.0800" N 29°02'24.3600" E	40.5278 ° 29.0401 °
	T14	40°31'34.3200" N 29°02'36.2400" E	40.5262 ° 29.0434 °
Pazarköy WPP	T1	39°47'27.3817" N 27°24'32.9295" E	39.7909 ° 27.4091 °
	T2	39°47'21.4052" N 27°24'44.4145" E	39.7892 ° 27.4123 °
	T3	39°47'20.4357" N 27°25'01.5631" E	39.7890 ° 27.4171 °
	T4	39°48'40.9270" N 27°26'58.5943" E	39.8113 ° 27.4496 °
	T5	39°48'55.7363" N 27°27'02.2239" E	39.8154 ° 27.4506 °
	T6	39°48'47.3291" N 27°27'12.1372" E	39.8131 ° 27.4533 °
	T7	39°49'11.2606" N 27°28'58.2533" E	39.8197 ° 27.4828 °
	T8	39°49'28.8809" N 27°29'04.2239" E	39.8246 ° 27.4845 °
	T9	39°49'05.3741" N 27°29'09.7373" E	39.8181 ° 27.4860 °
	T10	39°49'24.9010" N 27°29'17.3626" E	39.8235 ° 27.4881 °

	T11	39°49'22.9221" N 27°29'48.0146" E	39.8230 ° 27.4966 °
	T12	39°49'23.7386" N 27°30'01.8181" E	39.8232 ° 27.5005 °

Latitude and Longitude of the physical site of the project activity has been included appropriately in the PSF which was found consistent from the feasibility report.

The Wind power plant constitutes 45.6 MWm/44.0 MWe and 53.2 MWm/50.0 MWe with total installed capacity of 98.8 MWm/ 94.0 MWe. Expected annual electricity production was found to be 260,452 MWh /14//8//10/.

The project has the rights to generate and supply electricity from Pazarköy WPP, up to 49 years (as of 06/062012) and from Yalova WPP is 49 years (as of 26/10/2011), verified from the general license /10/. The Project Owners have fixed the crediting period of 10 years which is in accordance with the GCC program manual /6/ and will generate an estimated 168,981 tCO_2e emission reductions annually.

The project activity is described as Type A2, sub-type 1, PA applying CDM methodology ACM0002 Version 21.0 /4/, and PA falls into the large-scale category (as per the applied CDM methodology).
In addition to generating emission reductions the Wind power plant also qualifies for other voluntary certification labels

Voluntary Labels	Applied by the project
Achieving the United Nations Sustainable Developmental Goals (SDG+)	Yes
Environmental No-net harm (E+)	Yes
Social No-Net harms (S+)	Yes
CORSIA (C+)	Yes

No sampling approach was applied as Verifier has visited all WTGs and also it is not required by the applied methodology, with regard to verification of project description in accordance with the "Standard for sampling and surveys for CDM project activities and programme of activities".
In the baseline scenario the main source of emission was found to be CO_2 as electricity was generated mainly through fossil-fuel based power plants whereas in project scenario the electricity is generated by the Wind power plant thereby reducing the CO_2 emissions. Thus, non-application of GWP in this project activity was found to be acceptable as the project boundary does not include any of the GHG emissions in the project scenario as per the applied methodology/4/.

The description in the PSF/1/ includes sufficient details and provides clarity about the project activity. The project activity is not a bundled project. The project verification team also checked the GCC website and other public domain to determine if the project was part of any other GHG Program prior to commencement of this verification. It was confirmed that the project owners have not submitted this project under any other GHG program apart from GCC.

Findings	CL 01, CAR 01 and CAR 02, were raised and resolved. Please refer appendix 4 for more information.

Conclusion	The project verification was based on review of the supportive evidence submitted by the project owner. Hence, in line with the requirements of paragraph 36 of the GCC Project Standard version 3.1/6/, project verification team confirms that project description as contained in the final PSF/1/ was found accurate and contains complete details of the GHG emission-reduction Activity, including schematics, specifications and a description of how the project reduces emission reductions by generating renewable energy.

D.3. Application and selection of methodologies and standardized baselines

D.3.1. Application of methodology and standardized baselines

Means of Project Verification

Project owner has applied CDM methodology – ACM0002., Version 21.0 /4/ and no standardized baseline is used. Applicability of the methodology as per as clause 2.2

Applicability criteria	Verification by assessment team
This methodology is applicable to grid-connected renewable energy power generation project activities that: a) Install a (Greenfield power plant); b) Involve a capacity addition to (an) existing plant(s); c) Involve a retrofit of (an) existing operating plant(s)/unit(s); d) Involve a rehabilitation of (an) existing plant(s)/unit(s); or Involve a replacement of (an) existing plant(s)/unit(s).	The project activity is a green field Wind power plant, the applicability criterion is met. Document review including feasibility report /8/, generation license /10/ acceptance/commissioning certificate of project activity /14/ were checked and found this criterion is applicable.
In case the project activity involves the integration of a BESS, the methodology is applicable to grid-connected renewable energy power generation project activities that: a) Integrate BESS with a Greenfield power plant; b) Integrate a BESS together with implementing a capacity addition to (an) existing solar photovoltaic[7] or wind power plant(s)/unit(s); c) Integrate a BESS to (an) existing solar photovoltaic or wind power plant(s)/unit(s) without implementing any	The project activity does not involve setting up and implementation of a BESS, which was confirmed through onsite inspection with the PO representatives and commissioning certificates provided. Hence this criterion is not applicable.

[7] In case of retrofit or capacity addition for concentrated solar power projects, stakeholders may submit a request for revision to this methodology, providing an apportioning approach to calculate the project emissions due to any fossil fuel consumption attributed to the increased electricity generation from the BESS.

	other changes to the existing plant(s); Integrate a BESS together with implementing a retrofit of (an) existing solar photovoltaic or wind power plant(s)/unit(s).	
	The methodology is applicable under the following conditions: a) Hydro power plant/unit with or without reservoir, wind power plant/unit, geothermal power plant/unit, solar power plant/unit, wave power plant/unit or tidal power plant/unit; b) In the case of capacity additions, retrofits, rehabilitations or replacements (except for wind, solar, wave or tidal power capacity addition projects) the existing plant/unit started commercial operation prior to the start of a minimum historical reference period of five years, used for the calculation of baseline emissions and defined in the baseline emission section, and no capacity expansion, retrofit, or rehabilitation of the plant/unit has been undertaken between the start of this minimum historical reference period and the implementation of the project activity; c) In case of Greenfield project activities applicable under paragraph 5 (a) above, the project participants shall demonstrate that the BESS was an integral part of the design of the renewable energy project activity (e.g. by referring to feasibility studies or investment decision documents); The BESS should be charged with electricity generated from the associated renewable energy power plant(s). Only during exigencies[8] 2 may the BESS be charged with electricity from the grid or a fossil fuel electricity generator. In such cases,	The applicability criterion is met as the project activity includes generation of electricity from a renewable source of energy (wind power). Thus, option (a) is applicable to project. This has been verified during site visit and commissioning certificates/14/ issued by respective state utility. Hence this criterion is not applicable.

[8] For example, upon deep discharge of the batteries.

		the corresponding GHG emissions shall be accounted for as project emissions following the requirements under section 5.4.4 below. The charging using the grid or using fossil fuel electricity generator should not amount to more than 2 per cent of the electricity generated by the project renewable energy plant during a monitoring period. During the time periods (e.g. week(s), months(s)) when the BESS consumes more than 2 per cent of the electricity for charging, the project participant shall not be entitled to issuance of the certified emission reductions for the concerned periods of the monitoring period.	
		In case of hydro power plants, one of the following conditions shall apply: (a) The project activity is implemented in existing single or multiple reservoirs, with no change in the volume of any of the reservoirs; or (b) The project activity is implemented in existing single or multiple reservoirs, where the volume of the reservoir(s) is increased and the power density of the project activity, as per definitions given in the Project Emissions section, is greater than 4 W/m^2 ; or (c) The project activity results in new single or multiple reservoirs and the power density of the project activity, as per definitions given in the Project Emissions section, is greater than 4 W/m^2 ; or (d) The project activity is an integrated hydro power project involving multiple reservoirs, where the power density for any of the reservoirs, as per definitions given in the Project Emissions section, is lower than or equal to 4 W/m^2, all of the following conditions shall apply.	This is not applicable as the project activity is the installation of wind

		(i) The power density calculated using the total installed capacity of the integrated project, as per definitions given in the Project Emissions section, is greater than 4 W/m^2; (ii) Water flow between reservoirs is not used by any other hydropower unit which is not a part of the project activity. (iii) Installed capacity of the power plant(s) with power density lower than or equal to 4 W/m^2 shall be a. Lower than or equal to 15 MW; and Less than 10 per cent of the total installed capacity of integrated hydro power project.	
		In the case of integrated hydro power projects, project owner shall: (a) Demonstrate that water flow from upstream power plants/units spill directly to the downstream reservoir and that collectively constitute to the generation capacity of the integrated hydro power project; or (b) Provide an analysis of the water balance covering the water fed to power units, with all possible combinations of reservoirs and without the construction of reservoirs. The purpose of water balance is to demonstrate the requirement of specific combination of reservoirs constructed under CDM project activity for the optimization of power output. This demonstration has to be carried out in the specific scenario of water availability in different seasons to optimize the water flow at the inlet of power units. Therefore, this water balance will take into account seasonal flows from river, tributaries (if any), and rainfall for minimum of five years prior to the	This is not applicable as the project activity is the installation of wind WTG's to generate electricity.

	implementation of the CDM project activity.	
	The methodology is not applicable to the following: • Project activities that involve switching from fossil fuels to renewable energy sources at the site of the project activity, since in this case the baseline may be the continued use of fossil fuels at the site; Biomass fired power plants;	This is not applicable as the project activity is the installation of Wind WTG's to generate electricity.
	In the case of retrofits, replacements, or capacity additions, this methodology is only applicable if the most plausible baseline scenario, as a result of the identification of baseline scenario, is "the continuation of the current situation, i.e. to use the power generation equipment that was already in use prior to the implementation of the project activity and undertaking business as usual maintenance".	
	Tool 01 (Tool for the demonstration and assessment of additionality)	
	Applicability as per tool 01: • The use of the "Tool for the demonstration and assessment of additionality" is not mandatory for project participants when proposing new methodologies. Project participants may propose alternative methods to demonstrate additionality for consideration by the Executive Board. They may also submit revisions to approved methodologies using the additionality tool. • Once the additionally tool is included in an approved methodology, its application by project participants using this methodology is mandatory.	The project owner doesn't propose any new methodology. The assessment of additionality has been discussed in detail in section D.3.5 of this report. Since the Project Activity is applying additionality tool hence this tool was found to be acceptable, and the applicability criterion is met.
	Tool 07 (Tool to calculate the emission factor for an electricity system): applicability & Assessment	
	• This tool may be applied to estimate the OM, BM and/or	The baseline emissions have been calculated by using Tool 7 by

		CM when calculating baseline emissions for a project activity that substitutes grid electricity that is where a project activity supplies electricity to a grid or a project activity that results in savings of electricity that would have been provided by the grid (e.g., demand-side energy efficiency projects).	encapsulating the calculation for OM, BM and CM under section B.6.1 of the project submission report /01/
		• Under this tool, the emission factor for the project electricity system can be calculated either for grid power plants only or, as an option, can include off-grid power plants. In the latter case, the conditions specified in "Appendix 2: Procedures related to off-grid power generation" should be met. Namely, the total capacity of off-grid power plants (in MW) should be at least 10 per cent of the total capacity of grid power plants in the electricity system; or the total electricity generation by off-grid power plants (in MWh) should be at least 10 per cent of the total electricity generation by grid power plants in the electricity system; and that factors which negatively affect the reliability and stability of the grid are primarily due to constraints in generation and not to other aspects such as transmission capacity.	This project involves generation electricity through Wind power plant where generated electricity is delivered to the grid. Thus, the applicability criteria were found to be met.
		• In case of CDM projects the tool is not applicable if the project electricity system is located partially or totally in an Annex I country	The project activity is located in Turkey, a non-Annex I country. Therefore, this criterion is not applicable for the project activity

	• Under this tool, the value applied to the CO_2 emission factor of biofuels is zero.	The condition is not applicable as TEIAS Database does not include any biofuel plant, as current project is greenfield wind power plant.
	Tool 24: **Common Practice** 3.1, Applicability and Assessment.	
	• This methodological tool is applicable to project activities that apply the methodological tool "Tool for the demonstration and assessment of additionality", the methodological tool "Combined tool to identify the baseline scenario and demonstrate additionality", or baseline and monitoring methodologies that use the common practice test for the demonstration of additionality.	Project activity applies "Tool for the demonstration and assessment of additionality". Hence this tool is applicable.
	• In case the applied approved baseline and monitoring methodology defines approaches for the conduction of the common practice test that are different from those described in this methodological tool, the requirements contained in the methodology shall prevail.	Applied methodology ACM0002 version 21.0 doesn't specify any approach for the demonstration of common practice analysis. As per the methodology the additionality including common practice analysis has been demonstrated as per the Tool 01: Tool for the demonstration and assessment of additionality" version 7.0.0 and Tool 24: Common Practice Analysis version 3.1. Hence Justified.
	Tool 27: Investment analysis version 12.0	
	• This methodological tool is applicable to project activities that apply the methodological tool "Tool for the demonstration and assessment of additionality", the methodological tool "Combined tool to identify the baseline scenario and demonstrate additionality", the guidelines "Non-binding best practice examples to demonstrate additionality for	Project activity applies "Tool for the demonstration and assessment of additionality". Hence this tool is applicable.

SSC project activities", or baseline and monitoring methodologies that use the investment analysis for the demonstration of additionality and/or the identification of the baseline scenario. • In case the applied approved baseline and monitoring methodology contains requirements for the investment analysis that are different from those described in this methodological tool, the requirements contained in the methodology shall prevail.	Applied methodology ACM0002 version 21.0 does not specify any approach for the demonstration of Investment analysis. As per the methodology the additionality including investment analysis has been demonstrated as per the Tool 01: Tool for the demonstration and assessment of additionality" version 7.0.0 and Tool 27: Investment Analysis version 12.0 Hence Justified.

Assessment of Eligibility criteria: Project Standard, V3.1

In accordance with Section 5.1 (paragraph 14) of Project Standard, V3.1, the project activity complies to all the conditions mentioned below:
a. The project activity is A2 type project and hence it complies with the eligibility requirements of the project types allowed under the GCC.
b. The commissioning date of the project activity is 22/10/2020 i.e. after 01/01/2016, hence the project is eligible under GCC.
c. The project activity complies to all the rules related to the parameters mentioned below:
(i) GHG emission reductions.
(ii) Contributions to the UN SDGs (SDG+ labels).
(iii) Do-no-net-harm Environmental requirements (E+ labels).
(iv) Do-no-net-harm requirements for Society (S+ labels).

The Host country attestation on double accounting will be submitted along with the submission for a request for the first or subsequent issuance of ACCs by PO.

Further, in accordance with the Section 5.2 (Paragraph 16) of Project Standard, V3.1 the project activity complies to all the conditions mentioned below:

a. The project Is not required by a legal mandate and does not implement a legally enforced mandate government regulation or law.
b. The project Complies with all applicable host-country legal requirements.
c. The project activity delivers real, measurable and additional emission reductions compared to its baseline.
d. The methodology applicable for the project activity is ACM0002 (Version 21.0) and hence the project activity applies an approved CDM or GCC Baseline and Monitoring Methodology.

The current project applies same technology (wind power) and methodology (ACM0002, version 21.0), has same baseline (which is national electricity grid), generate the same output (electricity), apply the same additionality approach (Investment analysis) and has single investment decision for both the activities

	incorporated in the project, etc. Hence, the project activity qualifies as 'homogenous' project, and can apply requirements applicable to level 1 and level 2 analysis as per clarification 01, Version 1.3 of GCC. The assessment team thus concludes that this bundled project is a "homogeneous bundle" that facilitates the collective establishment of baseline, emission, reduction calculation, additionality demonstration and assessment of certification labels for multiple activities in a bundle as per para 7 of Clarification No.1, v1.3.
Findings	CL 02, CAR 03 and CAR 04, were raised and resolved. Please refer appendix 4 for more information.
Conclusion	The project verification team confirms that: a) It has critically assessed each applicability condition listed in the selected methodology and the relevant information contained in the PSF/1/ against these criteria. The selected CDM methodology (and tools)/4/ for the project activity is applicable. b) , Verifier assessed that Project activity meet the requirements of Section 5.1 (Paragraph 14) and Section 5.2 (Paragraph 16) of the Project standard Version 3.1/6/. c) Applied version of methodology (ACM0002, Version 21.0) /4/ is the latest valid version at the time of submission of the proposed GCC project activity for registration. d) GCC verifier of the opinion that project meets the bundling requirements of GCC Clarification No. 1, v1.3 and the project owner has correctly applied the methodology, additionality, and ER calculation at bundle level and is in compliance with the requirements set out in clarification No 1.0, v1.3.

D.3.2. Clarification on applicability of methodology, tool and/or standardized baseline

Means of Project Verification	As discussed in the above section, the applicability of methodology was found to be fulfilled. Therefore, further clarification to the methodology were not required.
Findings	No findings raised.
Conclusion	The project verification team confirms that no clarification on applicability of methodology and tool to the proposed GCC project activity has been issued.

D.3.3. Project boundary, sources and GHGs

Means of Project Verification	As per the applied methodology ACM0002 Version 21.0, /4/ the project boundary is the spatial extent of the project boundary includes the project power plant/unit and all power plants/units connected physically to the electricity system that the project power plant is connected to. The components of the project boundary mentioned in the PSF were found to be in compliance with paragraph 22 and 23 of the applied methodology./4/ The project verification team conducted desk review of the implemented project to confirm the appropriateness of the project boundary identified. The verification team confirmed that all GHG sources required by the methodology have been included within the project boundary. It was assessed that no emission sources related to project activity will cause any deviation from the applicability of the methodology /4/ or accuracy of the emission reductions. The project boundary is clearly depicted with the help of a line diagram in section B.3 of the PSF and duly verified by the verification

	team via commissioning certificates from Energy and Natural Resources Ministry of Turkey and was found appropriate /14/. The verification team confirms that the PSF/1/ has included all the sources of emission within project boundary and there are no sources of GHG emission left out which will contribute more than 1% of expected annual emission reduction by the project activity, which are not addressed by the applied methodology./4/
Findings	No finding was raised.
Conclusion	The project verification team was able to assess that complete information regarding the project boundary has been provided in PSF/1/ and could be assured from the line diagram. Hence, in line with the paragraph 44 of Project standard version 3.1,/6/ project verification team confirms that identified boundary and selected emissions sources are justified for the project activity.

D.3.4 Baseline scenario

Means of Project Verification	The project activity is a greenfield project activity at site where no renewable power plant was operating prior to the implementation of the project activity. Hence, as per paragraph 24 of the applied methodology ACM0002, version 21.0,/4/ the baseline scenario is "If the project activity is the installation of a Greenfield power plant*, the baseline scenario is electricity delivered to the grid by the project activity would have otherwise been generated by the operation of grid-connected power plants and by the addition of new generation sources, as reflected in the combined margin (CM) calculations described in "TOOL07: Tool to calculate the emission factor for an electricity system*". Therefore, in accordance with above, the baseline for the project activity is continuation of the pre-project scenario wherein the equivalent amount of electricity as generated by the project activity shall be generated at the thermal dominated grid connected power plants resulting in CO_2 emissions. The same is line with all national policies and there is no policies or regulations which mandates the project participant to implement the project activity. **Determination of Grid emission factor ($EF_{grid,CM,y}$)** The baseline grid emission factor is calculated in accordance with the "Tool to calculate the emission factor of an electricity system", (version 07.0.0) /4/ which is the latest version of the tool as recommended by the applied methodology ACM0002 Version 21. The grid specific values have been obtained from the data published by Turkish Electricity Transmission Corporation (Türkiye Elektrik Iletim A. S. (TEIAS)) which is a government owned corporation. TEIAS is the transmission system operator for electricity in Turkey. *"A combined margin (CM), consisting of the combination of operating margin (OM) and build margin (BM) according to the procedures prescribed in the 'Tool to calculate the emission factor for an electricity system'."* It is verified that the latest available version for "Tool to calculate the emission factor for an electricity system" is version 07.0 /4/ and the PO has correctly referred to the same in the section B.6.1 of the PSF /1/ to determine the baseline grid emission factor. **Step 1: Identify the relevant electricity systems** In accordance with step 1 of Tool; the project participant has identified the electricity system is based on the option 1 (under the para 17 of the tool) which is Turkish National Grid. Therefore, the Turkish National Grid has been

	correctly identified for the calculation of electricity emission factor, as the project displaces electrical energy from Turkish grid, as per the TEIAS website /27/. It is to be noted that the data published at TEIAS website has been considered the most recent information available version at the time of PSF submission, hence referred for determination of emission factor for the project activity. It can be confirmed that the determination of grid emission factor in compliance with the "Tool to calculate the emission factor for an electricity system" (version 07.0.0). **Step 2: Choose whether to include off-grid power plants in the project electricity system (optional).** The values of OM and BM have been determined ex-ante since the PO has considered option I "Only grid power plants are included in the calculation.". **Step 3: Select a method to determine the operating margin (OM)** The Project owner has used the simple operating margin calculation method to determine the operating margin (OM). Verification Team has verified from the data published at TEIAS website that the percentage of total grid generation by low-cost/ must-run plants for the Turkish grid is less than 50% of the total generation. Therefore, it is satisfied the condition stipulated under Para 40 (a) of Methodological Tool 07, Version 07, hence the simple OM method (Option a in paragraph 38) has been used as low cost/must run resources constitute less than 50% of total grid generation. As per Tool para 40 -42; The PO has chosen ex-ante option (option a of Para 42 of Methodological Tool 07, version 07) for calculation of Simple OM emission factor using a 3-year generation-weighted average, based on the most recent data available (2020) at the time of submission of the PSF. **Step 4: Calculate the operating margin emission factor according to the selected method** Simple operating margin has been calculated as per Option B as stipulated under Para 47 (b) of Methodological Tool 07, version 07. The PO has considered chronological order of power generation plants from TEİAŞ Load Dispatch Department with, fuel types, electricity generation for the calculated year were used as input data. By using all the input data, Turkish Ministry of Energy and Natural Resources calculated simple OM emission factor. The value for weighted average operating margin has been validated and used as 0.7424 tCO_2/MWh /27/. **Step 5: Calculate the build margin (BM) emission factor** Build margin for the Turkish grid is considered as 0.3680 tCO_2/MWh as per "Tool to calculate the emission factor for an electricity system" (Version 07.0, EB 100, Annex 4) para 72 (i.e., as per the provision of the section 6.5 of the tool) where the Option 1 is chosen to calculate the build margin emission factor for the project activity. BM is calculated ex-ante based on the most recent information/data from TEIAS website and is fixed for the entire crediting period. **Step 6: Calculate the combined margin (CM) emission factor** The combined margin (CM) emission factor is calculated based on option (a) i.e., weighted average CM as accordance to Tool. The weighted average combined margin has been calculated by the PO, considering the 50% weighted for operating margin and 50% for build margin; this is in accordance with the tool which states that for "*All other projects: wOM = 0.75 and wBM = 0.25 for the first crediting period*".

	The combined margin emission factor for the project activity arrives as 0.6488 tCO_2/MWh. The Project owner has provided the detailed calculation for the same in the ER calculation sheet. The baseline emission factor for the electricity system has been calculated on exante basis and will remain fixed For the entire crediting period. Inconsistency with the applied tool /4/, the weights for OM and BM used in PSF for calculating combined margin are 0.75 and 0.25. Hence, for baseline emissions Project Owner has included CO_2 emissions from electricity generation in power plants that are displaced due to the project activity. These are produced by the renewable generating unit (in MWh) multiplied by an emission coefficient (measured in tCO_2e/MWh) calculated in a transparent and conservative manner as: Combined margin (CM), consisting of the combination of operating margin (OM) and build margin (BM) according to the procedures prescribed in "Tool to calculate the emission factor for an electricity system" (Version 07.0), /4/ it is the latest version of the tool that is used to calculate emission factor. The Combined Margin emission factor is fixed ex ante with a calculated value as 0.6488 tCO_2e/MWh. The calculations, source of data is checked by the project verification team and found it to be correct.
Findings	No finding was raised.
Conclusion	Hence, in line with paragraph 55 and 57 of the Project standard Version 3.1/6/, project verification team concluded that • All assumptions and data used by the project owner are listed in the PSF/1/, including their references and sources. • All documentation used by project owner as the basis for assumptions and source of data for establishing the baseline scenario is correctly quoted and interpreted in the PSF/1/; • All assumptions and data used in the PSF are justified appropriately and considered reasonable in the context of the proposed project activity. • The baseline methodology/4/ and the applicable tool(s) have been applied correctly to calculate project emissions, baseline emissions, leakage and emission reductions. Identified baseline scenario reasonably represents what would occur in the absence of the project activity and leads to a conservative estimation of GHG emission reductions.

D.3.5 Demonstration of additionality

Means of Project Verification	In line with paragraph 45 of the Project Standard v3.1, /4/ GCC project activities are required to undergo the following tests to demonstrate additionality: A. Legal requirement Test: Based on the available literature it was confirmed that there are no enforced laws, statutes, regulations, court orders, environmental mitigation, agreements, permitting conditions or other legally binding mandates requiring its implementation, or requiring the implementation of a similar technology/measure that would achieve equivalent levels of GHG emission reductions. The assessment team assessed the relevant regulations to confirm that the project meets the legal requirement test: • Electricity Market Law number 4628 /22/. • Law on utilization of renewable Energy resources for the purpose of Generating electricity Energy, Law number 5346 /22/.

- Energy efficiency Law number 5627 /22/.
- Forest Law number 6831 /22/.
- Environment Law number 2872 /22/.
- Environmental Impact Assessment approval the Wind power Plants /22/.

b) **Additionality Tests**:
As per the applied methodology ACM0002. Version 21.0 /4/, additionality of the following project activity is demonstrated and assessed by the latest version of Tool 01: Tool for the demonstration and assessment of additionality, Version 7.0.0/4/

Investment analysis

Under this step, it is demonstrated that project activity is not economically or financially feasible, without the revenue from the sale of certified emission reductions. PP has adopted the step-wise approach from tool 27 /4/ for demonstrating and assessing the additionality of the project activity as follows:

Determine appropriate analysis method:

Option III i.e Benchmark Analysis has been selected by the PP as an investment analysis method. As the project is selling generated electricity to national grid, it will generate financial benefits other than carbon revenue related income. Therefore, Option I is not applicable. In all other cases, Tool 01 /4/ has provision to pick either Option II or Option III and Option II is applicable when the alternatives were similar investment projects. However, for this PA the alternative to the project activity is the supply of electricity from a grid. So, Option II is not applicable, and choice of Option III by PP has been accepted by the GCC Verification team.

Option III. Apply benchmark analysis:

Post-tax equity IRR has been used as the financial indicator for the demonstration of financial unviability for the proposed project activity. A suitable benchmark i.e., expected return on equity has been selected as benchmark comparison purposes. The source of benchmark was assessed by the verification team and the selected post-tax equity IRR and selected benchmark were found to be appropriate and in-line with the applied tools, guidelines and other supporting documents provided by the PO.

Para 15 of tool 27 /4/ states "*Local commercial lending rates or WACC are appropriate benchmarks for a project IRR. Required/expected returns on equity are appropriate benchmarks for an equity IRR. Benchmarks supplied by relevant national authorities are also appropriate*." In line with the above requirement, figure defined by World Bank for 'Private Sector Renewable Energy and Energy Efficiency Project' as Clean Technology Fund Loan report */17/* a threshold post-tax IRR on equity (=required/expected return on equity) is 15% for Wind power projects has been prescribed.

The date of investment decision has been considered as 25/12/2019. The date has been verified from the Signed Board Resolution /25/. Project Owner has considered benchmark 15%, sourced from Report No: 46808-TR: Private Sector Renewable Energy and Energy Efficiency Project' of World Bank /17/ which was basis and applicable the time of investment decision. The Equity IRR value for this project is calculated to be 4.05 %, which is found to be well below to selected benchmark of 15%.

The date of investment decision has been considered as 25/12/2019. The date has been verified from the Signed Board Resolution /25/.

Key financial Inputs values used in investment analysis:

Fiba Wind bundle	Value	Source
Estimated annual energy production (MWh/yr)	2,60,452	Calculated
• Estimated annual energy production (MWh/yr) for Pazarköy	1,36,060	Calculated
• Estimated annual energy production (MWh/yr) for Yalova	1,24,392	Calculated
Capacity of Project (MWe)	94	
• Capacity for Pazarkoy (MWe)	44	Generation License for Pazarkoy
• Capacity for Yalova (MWe)	50	Generation License for Pazarkoy
CUF for Pazarkoy %	35.3%	Third Party PLF Report
CUF for Yalova %	28.4%	Third Party PLF Report
Loan D1 ($):	9,37,24,144	Feasibility report 2019
Tariff Rate ($/kwh) for first 5 yrs.	0.073	Electricity Law
Tariff Rate ($/kwh) second 5 yrs.	0.073	Electricity Law
Tariff Rate ($/kwh) after 10 yrs.	0.073	Electricity Law
Estimated annual Operation and Mainenence (opex) ($/yr)	59,73,351	Feasibility report 2019
• Pazarköy ($/yr)	34,47,268	Feasibility report 2019
• Yalova ($/yr)	25,26,083	Feasibility report 2019
LICENCE Of YALOVA:		
Licence Start:	26-Oct-11	Generation/ Production License
Licence End:	26-Oct-60	
Licence Year End:	2060	

Project Start:	26-Oct-20	
LICENCE Of PAZARKÖY:		Generation/ Production License
Licence Start:	6-Feb-20	
Licence End:	6-Feb-69	
Licence Year End:	2069	
Project Start:	22-Oct-20	
Investment decision date	25-Dec-19	
Benchmark IRR	15%	World Bank document (May 2017), table 3.3: https://documents1.worldbank.org/curated/en/799701498842988254/pdf/ICR00004069-06192017.pdf
Depreciation rates	10% for WPP	https://www.gib.gov.tr/sites/default/files/fileadmin/user_upload/Yararli_Bilgiler/amortisman_oranlari.pdf
	2.5% for buildings	item no 45.1.7 for WPPs and 1.2.1 for buildings in the above document
Tax rate	20.0%	https://www.mevzuat.gov.tr/MevzuatMetin/1.5.5520.doc
		Madde 32, page 40 in the above document
Total Investment Cost (CAPEX) USD	9,76,29,317	Feasibility report 2023

Appropriateness of Input parameters:
The inputs values used for investment analysis by PO are sourced from the Feasibility Report dated 20/10/2019 prepared on the basis of third party report "Garrad Hassan Energy Assessment Report" prepared by "DNV GL" by dated 20/09/2017 for Pazarkoy Wind Farm and "Determination of Wind Potential And Energy Yield of Wind Turbines" prepared by "UL International" by dated 09/07/2019 prepared for Yalova Wind and same is applicable at the time of investment decision taken by project Owner. Verifier confirms that Input values used in investment analysis were valid and applicable at the time of investment decision taken by PO on 25/12/2019 and also basis of Investment decision to proceed with the project. This is in line with the paragraph 10 of the Tool 27: Methodological tool Investment Analysis. The investment decision was taken in board meeting on dated 25/12/2019. The same has been verified with furnished board resolution//25/ by project owner. Verifier also confirms that the input values have been consistently applied in all calculation (refer IRR calculation spread sheet/3/).

All input costs and revenues were found to be included in the IRR calculation spread sheet/3/ provided by the PO. All assumptions and estimates used for input values were checked against the sources mentioned against input values and found consistent and correct.

The timing of the investment decision i.e., 25/12/2019 was found to be appropriate which confirmed from the signed board resolution /25/

The input values of the parameters involved in the investment analysis was cross-checked against each of the evidence provided by the PO and all the values were found to be applicable at the time of the investment decision.

Calculation and comparison of financial indicators

For calculation of financial indicator, all relevant costs and revenues were found to be included in the IRR sheet/3/ provided by the PO. All assumptions and estimates used for input values were checked against the relevant sources.
The applied benchmark of 15% has been sourced from world bank report /17/ for renewable energy investments in Turkey. The IRR value for this project was calculated as 7.36 % which was found to be well below applicable benchmark of 15%. Since the IRR is lower than the benchmark, the Project Activity cannot be considered as financially feasible as per Tool 01: Tool for demonstration and assessment of additionality para 42(b)/04/.

Parameters used in the investment analysis are included in the section B.5 of the PSF/1/.
As the project activity has a lower IRR (7.36%) than the benchmark (15%), thus the project activity cannot be considered financially attractive

Sensitivity analysis

The Guidance on Investment analysis requires the robustness of the conclusion arrived at to be proved through a sensitivity analysis by varying the critical assumptions to a reasonable variation. The project developer has identified Investment Cost, Operating cost, Electricity Sales Revenue and Electricity Production Cost as critical assumptions. These critical parameters constitute more than 20% of either total project costs or total project revenues.

The assessment team confirms that the parameters that have been subjected to the sensitivity is in line with para 27 of the "Methodological tool: Investment Analysis, version 12.0"/4/ The sensitivity analysis covers a reasonable range of +10% and -10%, which is in conformity with para 28 of the "Methodological tool: Investment Analysis, version 12.0"./4/.

The sensitivity analysis reveals that even under more favorable conditions, the equity IRR without GCC revenue would not cross the benchmark return as given in the following table.

Input Value Variation %	**-10%**	**Normal**	**10%**	%age change required to reach benchmark
Estimated Annual Electricity Production	3.93%	7.36%	10.29%	27.61%
Operation and Maintenance	8.39%	7.36%	6.17%	-98.59%
Total Project Investment Cost	9.53%	7.36%	5.59%	-28.13%
Tariff Rate	3.93%	7.36%	10.29%	27.61%

Likely Hood Scenario at which each sensitivity Scenario Hits the nominated benchmark:

The likelihood of a project activity surpassing the benchmark IRR, in order to ensure the adequacy of the assumptions used in the investment analysis was performed inline to tool 27/4/.

Parameter	Variation	Percentage change	Probability of the Situation
Total Project Investment Cost	Investment costs US $ (11,500,000 .00 reduced to 8,265,050 $)	-28.13 %	The total investment cost has been sourced from the FSR (feasibility report/financial report by dated 20/10/2019) prepared on the basis of third-party energy assessment report prepared by "DNV GL" by dated 20/09/2017 for Pazarkoy Wind Farm and "Wind Potential and Energy Yield Assessment report prepared by "UL International" by dated 09/07/2019 prepared for Yalova Wind which was basis of investment decision and applicable at the time of investment decision by project owner. The total subjected to sensitivity and it can be observed from the IRR sheet/3/ that if project costs reduced by 28.13% (i.e. from US$ 97,629,317 to US$ 8,265,050), the equity IRR crossed the benchmark IRR of 15%. However, project activity has been commissioned and variation in project cost is not possible. Further, verifier has also checked total actual/completion project costs by Audited Balance Sheet, Abstract /11/ which is US$ 99,891,014.24 which is comparable to total investment cost mentioned in feasibility report. Moreover, Verifier has checked the sensitivity analysis with actual /completion cost of project and found that equity IRR is still much below than the benchmark. Further, verifier has also cross checked the per/MW project with similar project registered project under GS (GS ID 7636)/26/ and found the per/MW of proposed project (US$ 1.038 million) is comparable with the GS registered Project, US $ (1.05 million). Based on sectoral scope expert and local knowledge, the project cost considered from FSR (Feasibility Report) for the project activity is found to be appropriate. Since, the project

				has fully commissioned. Hence reduction in actual investment costs is not possible.
	Operation and Maintenance	O & M cost reduces from US $ (5,973,351 to 84,821.5842)	-98.58 %	The operation and Maintenance cost has been sourced from feasibility report which is further reduced to 98.58 % (i.e. from USD $ 5,973,351 to 84,821.5842) and found that the additionality of the project is not impacted even if the O&M expenses decrease by below up to 98.58%, the project cannot reach the benchmark of 15% which is impossible to happen.
	Tariff Rate	Tariff increases from US $0.073/kWh to $ 0.0931/kWh	27.61%	The revenue from electricity is dependent on electricity price and electricity generation. The PO has applied a value of 0.094$ / KWh fixed tariff increases by 27 % (i.e. from, US $0.073/kWh to $ 0.0931/kWh & equity IRR hits the benchmark. Further, project has been commissioned, Verifier has checked electricity Market Law 5346/22/ and found that tariff is as per as indicated in PSF. Also, sensitivity analysis was checked with and observed that actual Tariff as for applicable lifetime years as $0.073/kWh remains below the benchmark. Furthermore, the value used was confirmed by the studying Law on the use of renewable energy resources for the purpose of generating electrical energy for feed-in tariffs for electricity generated by Wind Power Plants/21/. Hence, the likelihood by 27.61 % is not possible. Hence, the project will not breach the benchmark under any circumstances.
	Estimated Annual Electricity Production	260,425 MWh to 332,328.3425 MWh	27.61 %	The electricity production has been sourced from the Feasibility Report which was prepared on the basis of third party energy assessment report prepared by “DNV GL” by dated 20/09/2017 for Pazarkoy Wind Farm and “Wind Potential and Energy

				Yield Assessment report prepared by “UL International” by dated 09/07/2019 prepared for Yalova Wind Farm /10/ . Based on energy generation data, the PLF of project calculated under report to be 35.3% for Pazarkoy Wind Farm and 28.4% for Yalova Wind Farm Since, the annual energy generation (PLF) sourced from the Feasibility Report which is based on third party Wind Analysis Report prepared by third party engineering company which is in accordance with the accordance with paragraphs 39a) of EB 48, Annex 11 option 3 (a)/4/. Hence, acceptable to verifier. Further, if electricity production increase by up to 27.61%, equity IRR not crossed the benchmark 15%. Moreover, Verifier has also checked from EPIAS Records (Electricity Sales Statement /Invoices)/30/ and found that the actual average annual generation from January 2021 to December 2021/30/ which is 122,569 MWh for Yalova WPP & 95,075 MWh for Pazarkoy (observed PLF=28% & 25 %) is lower than estimated generation data. Hence, it’s concluded that, this is unlikely to increase the generation from breaching value.

The sensitivity analysis results were found to be appropriate and was found to be calculated in-line with the tool /4/ as verified from the IRR calculation spread/3/.
In conclusion of the overall additionality demonstration, the proposed project activity is deemed additional.

Common Practice Analysis:
The project activity involves generation of electricity from wind energy. The project activity is located in the Balıkesir and Çanakkale Provinces & Bursa and Yalova Provinces of Turkey and selling electricity to TEIAS. Hence, whole Turkey country is considered for Common practice analysis by PO which is appropriate. The total installed capacity of the project is 94 MWe and individual project activity is of (44 MWe and 50 MWe).

Stepwise approach for common practice analysis has been carried out as per Methodological tool “Common Practice”, version 03.1 EB 84, Annex 7:

Step (1): Calculate applicable capacity or output range as +/-50% of the total design capacity or output of the proposed project activity.

Fiba WPP		
Range	**Capacity**	**Unit**
+50%	141	MW
Capacity of the proposed project activity	94	MW
-50%	47	MW

Step (2): Identify similar projects (both CDM and non-CDM) which fulfil all of the following conditions:

(a) The projects are located in the applicable geographical area;

(b) The projects apply the same measure as the proposed project activity;

(c) The projects use the same energy source/fuel and feedstock as the proposed project activity, if a technology switch measure is implemented by the proposed project activity;

(d) The plants in which the projects are implemented produce goods or services with comparable quality, properties and applications areas (e.g. clinker) as the proposed project plant;

(e) The capacity or output of the projects is within the applicable capacity or output range calculated in Step 1;

(f) The projects started commercial operation before the project design document is published for global stakeholder consultation or before the start date of proposed project activity, whichever is earlier for the proposed project activity.

Identification of the similar projects (CDM and non-CDM) is carried out as per sub-steps of Step (2) as follows:

a) As the project is located in Turkey, therefore, projects in the geographical area of Turkey have been chosen for analysis. The project activity involves generation of electricity from wind energy. The project activity are located in Turkey and thus the policy applicable for the wind projects is regulated by respective policies of Turkey. The project is implemented in Turkey and hence Turkey is considered as geographical region for common practice analysis.

b) The project activity is a green-field wind power project and uses measure (a) “Switch of technology with or without change of energy source including energy efficiency improvement as well as use of renewable energies”. Therefore, projects applying same measure (b) are candidates for similar projects.

c) The energy source used by the project activity is wind. Hence, only wind energy projects have been considered for analysis.
d) The project activity produces electricity; therefore, all power plants that produce electricity are candidates for similar projects.

e) The capacity range of the projects is within the applicable capacity range from

47 MW to 141 MW for Fiba bundled WPP

	f) The start dates of the concerned project activity is 25/12/2019 for Fiba Bundled Wind Power project. Therefore projects, which have started commercial operation before these dates, have been considered for analysis. Numbers of Similar projects identified which fulfil above-mentioned conditioned are **N_{wind} = 40** https://tureb.com.tr//lib/uploads/ac9761dfcc96d1c8.pdf Step (3): Within the projects identified in Step 2, identify those that are neither registered in any carbon certification scheme, project activities submitted for registration, nor project activities undergoing validation. Note their number N_{all}. The project activities, which have got registered or are under validation have been excluded in this step. The list of the power plants identified is provided to the verifier. After excluding the registered and under validation projects the total number of projects. **N_{all} = 1** **Step (4):** Within similar projects identified in Step 3, identify those that apply technologies that are different to the technology applied in the proposed project activity. Note their number N_{diff}. As per the tool on Common Practice, the project activities have been separated from the different technologies on the basis two criteria: 1. Size of Installation – Since project activity is large scale project, small and micro scale projects are considered as different technology project. Based on this criterion, there are not any different technology project out of similar identified projects. 2. Investment climate on the date of the investment decision – For proposed project activity, there are not any different technology project considered out of similar identified projects. Hence, projects where either of the conditions is satisfied those projects are counted for calculating N_{diff} projects. **N_{diff} = 0** **Step (5):** Calculate factor $F=1-N_{diff}/N_{all}$ representing the share of similar projects (penetration rate of the measure/technology) using a measure/technology similar to the measure/technology used in the proposed project activity that deliver the same output or capacity as the proposed project activity. Calculate $F=1-N_{diff}/N_{all}$ F= 1-0/1 = 1 As per methodological tool “common practice” version 3.1, the proposed project activity is a “common practice” within a sector in the applicable geographical area if the factor F is greater than 0.2 and N_{all} - N_{diff} is greater than 3. Thus, if both conditions are fulfilled, then project activity will be a common practice otherwise, the project activity is treated as not a common practice.

	Outcome of Common Practice analysis: As, i. F = 1; is greater than 0.2 for the project activity ii. N_{all} - N_{diff} = 1 for Fiba Bundled WPP; and is not greater than 3. The project activity does not satisfy second condition. Hence, project activity is not a common practice. **Thus, the proposed project activity is not a "common practice" within a sector in the applicable geographical area.**
Findings	CL 03, CL 04, CAR 05, CAR 06, and CAR 07 were raised and resolved. Please refer appendix 4 for more information.
Conclusion	The information mentioned in the PSF/1/ is duly supported by evidence quoted therein. The project verification team has described all steps taken, and sources of information used to cross-check the information contained in the PSF/1/. The project verification team determined that the evidence assessed is credible, where appropriate. Based on the assessment described above, the LGAI project verification team confirms that the project activity is additional and is demonstrated to be additional in line with the requirements of Tool for the demonstration and assessment of additionality version 7.0/4/ and according to paragraph 50 and 51 of the GCC Project standard Version 3.1/6/.

D.3.6. Estimation of emission reductions or net anthropogenic removal

Means of Project Verification	In accordance with the applied methodology ACM0002 (Version 21.0)/4/, the PSF has calculated Emission Reductions in the following manner: $ER_y = BE_y – PE_y$ Where: ER_y = Emission reductions in year *y* (tCO_2e) BE_y = Baseline Emissions in year *y* (tCO_2e) PE_y = Project Emissions in year *y* (tCO_2e) Baseline emissions are calculated as the product of the Baseline Emission Factor ($EF_{grid,CM,y}$ in tCO_2/MWh) times the electricity supplied by the Project. $BE_y = EG_{PJ,y} \times EF_{grid,CM,y}$ Where: BE_y: Baseline Emissions in year *y* (t CO_2) $EF_{grid,CM,y}$: Combined Margin Grid Emission Factor (t CO_2 / MWh) $EG_{PJ,y}$: Quantity of net electricity generation that is produced and fed into the grid as a result of the implementation of the GCC project activity in year y (MWh). Since, project activity is installation of Greenfield power plant, Therefore; in accordance with the paragraph 49 of applied methodology $EG_{PJ,y} = EG_{facility,y}$ Where; $EG_{facility,y}$ = Quantity of net electricity generation supplied by the project plant/unit to the grid in year y (MWh/yr)

	All the other sources of project emissions; from fossil fuel consumption and from the operation of geothermal power plants and hydro power plants have not been found applicable for the project activity inline with para 35 of applied methodology ACM0002, Version 21.0. As prescribed under section B.6.1 in the PSF/6/, there are no leakage emissions attributable in the context of the project activity and therefore these are accordingly depicted as zero with reference to para 61, of applied methodology ACM0002, Version 21.0. As per PSF the estimated net electricity generation from the project activity is 260,452 MWh/year which is calculated based on the respective PLF which is taken from the project feasibility report. The report has been verified. Hence the value considered by the Project owner is acceptable. The combined margin emission factor calculated based on the Tool is 0.6488 tCO_2e/MWh. Hence the baseline emission value will be 168,981 tCO_2e/year. The project verification team confirms that the estimates of baseline emissions can be replicated using the information provided in the final PSF/1/ and emission reduction spread sheet/2/ being submitted for registration. The project verification team further confirms that assumptions have been consistently applied in both emission reduction calculations and investment analysis spread sheet/3/.
Findings	CAR 08 was raised and resolved. Please refer appendix 4 for more information.
Conclusion	The project verification team confirms the following; • All assumptions and data used by the project owners are listed in the PSF/1/, including their references and sources; • All documentation used by project owners as the basis for assumptions and source of data is correctly quoted and interpreted in the PSF; • All values used in the PSF are considered reasonable in the context of the proposed project activity; • The baseline methodology/4/ and the applicable tool(s) have been applied correctly to calculate project emissions, baseline emissions, leakage and emission reductions; • All estimates of the GHG emissions can be replicated using the data and parameter values provided in the PSF/1/. • No sampling has been applied in the project activity. Thus, it is in line with paragraph 55, 58 and 59 of the Project standard Version 3.1/6/

D.3.7 Monitoring plan

Means of Project Verification	The monitoring plan is included in Section B.7 of the PSF/1/ based on the approved monitoring methodology ACM0002 Version 21.0 /4/ and is correctly applied to the project activity. The monitoring plan has been found to be in compliance with the requirements of the applied methodology for calculation of GHG emission reductions, GCC Environmentand-Social-Safeguards-Standard-v3, and Project-Sustainability-Standard-v3. The monitoring plan includes following parameters:

1.	$EG_{facility,y}$ (SDG 07)	Quantity of net electricity generation supplied by the project plant/unit to the grid in year y in MWh. Net electricity supplied to the grid by the Project activity. The monitoring parameter will be continuously monitored by means of main meters and back-up bi-directional tri-vector energy

<table>
<tr><td></td><td></td><td></td><td>meter/16/ of 0.2s accuracy class. For the purpose of measurement, the readings of main meter will be accounted in normal scenario and back-up meter reading will be accounted for comparison. The calibration of the meters will be maintained by TEIAS. The monitoring parameter will be recorded for emission reduction on monthly basis. The site wise meter installed at substation are as follows:
Pazarkoy-WPP
<table><tr><th>Meter</th><th>Calibration date</th><th>Validity of calibration</th></tr><tr><td>Main meter Sr. No. 9798646</td><td>15/10/2020</td><td>14/10/2030</td></tr><tr><td>Check meter Sr. No. 9798647</td><td>15/10/2020</td><td>14/10/2030</td></tr></table>Yalova WPP
<table><tr><th>Meter</th><th>Calibration date</th><th>Validity of calibration</th></tr><tr><td>Main meter Sr. No. 9798644</td><td>16/10/2020</td><td>15/10/2030</td></tr><tr><td>Check meter Sr. No. 9798645</td><td>16/10/2020</td><td>15/10/2030</td></tr></table></td></tr>
<tr><td></td><td>2.</td><td>CO_2 Emissions (SDG 13)</td><td>Reduction of CO_2 emissions due to implementation of project activity that would otherwise be emitted by thermal power plants. The monitoring parameter will be continuously monitored by means of on-site meters</td></tr>
<tr><td></td><td>3</td><td>Long Term Jobs (SDG 08)</td><td>Creating new employment opportunities.

The PO has claimed that, they will provide employment to maximum persons on long term basis (> 10 years) under the current project activity. Employed people responsible for various plant activities such as operation & maintenance, Data Monitoring, Office work, security etc. Also, provide job related training to employed persons during the operation of the project activity.

At the time of project verification employment records /12/ for employees, salary slip payments which is paid by the project owner have been verified.
The monitoring parameter will be continuously monitored by means of employment records.</td></tr>
<tr><td></td><td>4</td><td>Job Related Training (SE 01)</td><td>Job related training for data monitoring, health & safety trainings are provided to the employees who engaged during the operation of the project activity. The monitoring parameter will be continuously monitored by means of plant</td></tr>
</table>

			imparted training records at the end of each verification period.
	5	Solid waste Pollution from Hazardous wastes (EL 02)	As per monitoring plan, Solid waste Pollution from Hazardous wastes like transformer oil disposal /replacement or any other hazardous from the project activity will be disposed as per guidance given in the Hazardous, oil-soaked cloths, gloves and Other Wastes (Solid Waste Management Regulation /28/) which is the applicable laws/regulations in the host country. This will be monitored by means of the records by the project owner in the project site as and when there is a need of disposal/replacement of transformer oil and other hazardous. This was confirmed by interviewing the monitoring personnel of the project activity during physical site visitand the monitoring practices followed by the project owner is appropriate in relation to the project activity and its acceptable to the assessment team.
	6	Women Empowerment & Achieve gender equality and empower all women and girls (SW 06 & SDG 05)	Employment opportunity has been provided to both men and women engaged during the operation and installation phase of the project activity. The monitoring parameter will be continuously monitored by means of verification of SSI records incorporating the details of women employees and attendance register at the end of each verification period.
	7	End of Life Products/Equipment (EL 06)	This parameter is monitored on continuous basis based on the WTGs after ending lifecycle. The project owner will adhere the host country regulation [9] to handle the type of end of life products/equipment waste generated from current project activity. This was confirmed by interviewing the monitoring personnel of the project activity during physical site visit and the monitoring practices followed by the project owner is appropriate in relation to the project activity and its acceptable to the assessment team
	The project verification team confirmed that all the above listed parameters are sufficient to calculate the emission reductions including the contribution towards environmental (detailed in Appendix 5 below) and social safeguards (detailed in Appendix 6 below) and sustainable development goals (elaborated in Appendix 7 below) in accordance with the methodology and are correctly reported in the PSF/1/. The data will be archived and maintained by PO for entire crediting period + 2 years or till issuance of last ACCs, whichever is later and is acceptable.		
Findings	CAR 09 was raised and resolved. Please refer appendix 4 for more information.		
Conclusion	The project verification team confirms that: The monitoring plan described in the PSF is complying with the requirements of the selected methodology/4/. Based on detailed review, the monitoring arrangement described in the monitoring plan is feasible within the project design. The project verification team confirms that the project owner will be able to implement the described monitoring plan. The means of implementation of the monitoring plan are sufficient to ensure that the emission reduction and other voluntary labels achieved from the project activity are verifiable and thereby satisfying the requirement of Verification Standard/6/. The		

[9] https://www.resmigazete.gov.tr/eskiler/2015/04/20150402-2.htm

	monitoring plan will give opportunity for real measurements of achieved emission reductions. There are no host country requirements pertaining to monitoring of any sustainable development indicators. Therefore, there are no such parameters identified in the PSF/1/.

D.4 Start date, crediting period and duration

Means of Project Verification	The start date of the project activity is 22/10/2020 which was verified from the Commissioning /14/ and corresponds to commissioning of the project. Therefore, this has been accepted as the date when the project started generating emission reductions. A crediting period of a maximum length of 10 years has been selected by PO. The start date of the crediting period is stated as 22/10/2020 and duration is form 22/10/2020 to 21/10/2030, which is appropriate as per paragraph 40(b) of the Project Standard. The lifetime of project activity is expected to be 49 years 00 months as of 06/02/2020 for Pazarkoy Wind Farm and 49 Years 00 months (as of 26/10/2011) for Yalova Wind Farm which is verified from the furnished generation license /10/.
Findings	CAR 10 was raised and resolved. Please refer appendix 4 for more information.
Conclusion	The start date of the project activity indicated has been checked based on commissioning certificates submitted/9/. The expected operational lifetime of the project activity indicated in the PSF/1/ is deemed reasonable based on sectoral expertise of the assessment team.

D.5 Environmental impacts

Means of Project Verification	The Project Activity is located in the host country – Turkey. In Turkey, the nodal agency – Ministry of Environment and Urbanization has determined that, provisions of Environmental Impact Assessment for “Yalova Wind Power Plant” by “Positive” letter dated 08/04/2019 and EIA Exemption Letter by dated 19/06/2018 for “Pazarkoy Wind Power Plant” /9/. The project will benefit the local people by engaging them in construction, operation and maintenance activities during the project. The verification team confirms that there are no adverse impacts on environment due to the implementation of project activity. The verification team also confirm that the project participant has taken all the necessary legal approvals from the government and other parties to implement the project activity. The project activity is complying to the following laws: • Law No.5346 Support mechanism for the RES established by Energy Market Regulation Board which defines setting up of generation plants on the basis of renewable energy sources. This is a market-based purchasing operated by TEIAS/22/. • Electricity Market Law number 4628/22/ • Energy efficiency Law number 5627/22/ • Forest Law number 6831/22/ • Environment Law number 2872/22/ • Environmental Impact Assessment approval certificates for Wind power plant /9/.

Findings	No Findings were raised.
Conclusion	In the opinion of the assessment team, in the project activity there were no adverse environmental impacts revealed in the analysis. There are no trans boundary environmental impacts associated with the project.

D.6 Local stakeholder consultation

Means of Project Verification	Project Owner has carried out the stakeholder consultation/16/ for this project on 18/01/2022 & 19/01/2022. Involved stakeholders during the meetings were Local administrative officials, business groups, community representatives, village heads, panchayat members, landowners, local villagers, local youth and women group were part of the consultation. The stakeholder meetings were carried out through a means of online interview (dated by 18/01/2022 & 19/01/2022) held with local villagers & head of village and landowners. Contact information of PP's representatives has been shared with the head of village to address any complaints, suggestions or ideas about the project. Further, Stakeholder Consultation Meeting records/13/ (photographs & attendance sheet) has been verified by the assessment team. The local stakeholder consultation/16/ process was performed by the project owner before the submission of the project activity for global stakeholder consultation which is accepted. The objectives of the process were; • Promote public awareness and improve understanding of the local people about the proposed project; • Assessment of possible requirement of improvements; • Solicit the views of affected communities/individuals on environmental and social problems; • Improve environmental and social soundness; • To settle problems with mutual consent; and • Create accountability and sense of local ownership during project implementation. The objective of the local stakeholder consultation carried out to comply with GCC requirements and identify the comments/concerns that might be required to be addressed by PO. The stakeholder consultation responses /13/ was received by the assessment team. The verification team confirmed by review of the stakeholder responses/13/ that the summary of stakeholders' comments reported in PSF was accurate. There was no negative feedback received. The list of the relevant stakeholders who were requested for feedback is also provided in the PSF/13/.
Findings	CAR 12 was raised and resolved. Please refer appendix 4 for more information.
Conclusion	The verification team confirms that the summary of stakeholders' comments reported in PSF is complete. In the opinion of the team, the local stakeholder consultation process was adequately conducted by the project participant considering the ongoing pandemic to receive unbiased comments from the all the stakeholders. The project verification team confirms that the local stakeholder consultation/16/ process performed for the project activity fulfils the requirements.

D.7 Approval and Authorization- Host Country Clearance

Means of Project Verification	As per the GCC program guidelines/6/, the submission of HCA on double counting is required by CORSIA labelled project after 31/12/2020 as verified under section D.13 of this report. For carbon credits issued during 01/01/2016 to 31/12/2020 the Host Country approval is not required.
Findings	No findings were raised.

Conclusion	The project verification team confirms that no HC approval is required for CORSIA labelled project activity and the HCA will be required during the first or subsequent verification, when the issuance of carbon credit is considered.

D. 8 Project Owner- Identification and communication

Means of Project Verification	The information and contact details of the representation of the project owner and project owners themselves has been appropriately incorporated in Appendix 1 of the PSF which was checked and verified by the verification team from Letter of Nomination/18/ signed by the project owner dated 07/09/2023. The information is consistent in these documents.
Findings	No findings were raised.
Conclusion	The project verification team confirms that the information of the project owner has been appended as per the template and the information regarding the project owners stated in the PSF/1/ and letter of nomination/18/ is found to be consistent.

D.9 Global stakeholder consultation

Means of Project Verification	Global stakeholder consultation was held by making PSF/1/ available through the dedicated interface on the GCC website. The duration of the same was from 11/09/2022to 25/09/2022. No comments were received during this period.
Findings	CL 06 was raised and resolved. Please refer appendix 4 for more information.
Conclusion	The PSF had been made public for receiving stakeholder feedback and no comments were raised during the GSC process. Further, there was one minor comment of GCC during the webhosting for GSC and same has been resolved.

D.10 Environmental Safeguards (E+)

Means of Project Verification	The Project owner has chosen to apply for the Environmental No-net-harm Label (E+). The assessment of the impact of the project activity on the environmental safeguards has been carried out in section E.1 of the PSF. Out of all the safeguards no risks to the environment due to the project implementation were identified and the following have been indicated as positive impacts Environment (Air) – • **CO_2 emissions**: By using an alternative technology (Wind power plant), the project reduces the electrical consumption required by the coal, hence less air pollution. The carbon emission reduction calculation shows the amount if reduced CO_2 emissions by almost 168,981 tCO_2e. Environment (Land) – • **Pollution from hazardous wastes:** Hazardous waste like tires, accumulators, cables and oil trap filters etc generated from construction & operation from the project activity will be collected and sent for disposal with the licensed waste collection vehicle. • **Solid waste Pollution from end-of-life products/ equipment (scored):** The impact expected is minimal and mitigation measures/process identified. The impact will be monitored throughout crediting period to check the regulatory compliance. The parameter is being monitored and verified under section D.3.7 of the report. Environment (Natural Resources) – • **Replacing fossil fuels with renewable sources of energy (ENR07):** The project activity being renewable power generation replaces CO_2 emissions that would have occurred in baseline scenario due to the electricity generation in thermal power plants. The impacts are being

	monitored through parameter 'CO_2 emissions' and is verified under section D.3.7 of this report. An appropriate monitoring plan has been put in place to monitor the elements marked positive. The detailed matrix has been included in appendix 5 of the report
Findings	CAR 11 was raised and resolved. Please refer appendix 4 for more information.
Conclusion	Based on the documentation review the project verification team can confirm that Project Activity is not likely to cause any negative harm to the environment but would have a positive impact, hence, is eligible to achieve additional E+ certifications.

D.11 Social Safeguards (S+)

Means of Project Verification	The assessment of the impact of the project activity on the Social safeguards has been carried out in section E.2 of the PSF/1/. Out of all the safeguards no risks to the society due to the project implementation were identified and the following have been indicated as positive impacts • **Social – Jobs: Long-term jobs (> 10 year) created/ lost:** Project owner has confirmed that during construction/operational life time of the project activity, long term jobs (>10 year) will be created and the records of the same will be maintained for entire emission reduction verification period. • **Social - Jobs: Short-term jobs (< 1 year) created/lost:** Project owner has confirmed that during construction/operational life time of the project activity, short term jobs (<1 year) will be created and the records of the same will be maintained for entire emission reduction verification period. The impact is being monitored throughout crediting period by monitoring employment and is verified under section D.3.7 of the report. • **Reducing / increasing accidents/Incidents/fatality:** The impacts being monitored throughout crediting period by parameter 'Reducing / increasing accidents /Incidents/ fatality (SHS03)' and is verified under section D.3.7 of this report • **Specialized training / education to local personnel:** The impacts being monitored throughout crediting period by parameter 'Specialized training / education to local personnel (SE01)' and is verified under section D.3.7 of this report. PO has described an appropriate monitoring plan to monitor all these elements. The detailed matrix has been included in appendix 6 of this report.
Findings	CAR 11 was raised and resolved. Please refer appendix 4 for more information.
Conclusion	Based on the documentation review the project verification team can confirm that Project Activity is not likely to cause any negative harm to the society but would have a positive impact, hence, is eligible to achieve additional S+ certifications.

D.12 Sustainable development Goals (SDG+)

Means of Project Verification	The assessment of the contribution of project activity on United Nations Sustainable Development Goals/7/ has been carried out in section F of the PSF/1/ Out of the 17 Goals project activity has no adverse effect on any of the goal and contribute to 4 SDGs/7/: • **Goal 5**. Ensure inclusive and equitable quality education and promote lifelong learning opportunities for all. • **Goal 7.** Ensure access to affordable, reliable, sustainable and modern energy for all.

	• **Goal 8.** Promote sustained, inclusive and sustainable economic growth, full and productive employment and decent work for all. • **Goal 13.** Take urgent action to combat climate change and its impacts. An appropriate monitoring plan has been put in place to monitor all the elements. The detailed matrix has been included in appendix 7 of this report.
Findings	No findings raised.
Conclusion	Based on the documentation review and site visit, project verification team confirms that the project is contributing towards the United Nations Sustainable Development Goals/7/ and would have a positive impact, hence, is eligible to achieve additional SDG+ certifications.

D.13 Authorization on Double Counting from Host Country (for CORSIA)

Means of Project Verification	A declaration under section A.5 and A.6 of the PSF/1/ has been included for offsetting the approved carbon credits (ACCs) for the entire crediting period from 22/10/2020 to 21/10/2030. As confirmed during the audit, the Project Owner intends to use/sell/transfer/retire the approved carbon credits (ACCs) generated by the Project Activity for offsetting purposes to Airlines under ICAO's CORSIA requirements and complies with the following: • Environment and Social Safeguards Standard/6/ as elaborated in section D.10 and D.11 of this report to ensure that the Project Activity does not cause any net harm to the environment or society and provides an opportunity to demonstrate this achievement by obtaining the additional certification labels *E*+ and *S*+. • Project Sustainability Standard /6/ as elaborated in section D.12 of this report to ensure that the Project Activity demonstrates the level of contribution towards achieving the United Nations Sustainability Development Goals (SDGs)/7/ and provides an opportunity to demonstrate this achievement by obtaining the additional *SDG*+ label (Gold). The host country attestation for the same will be obtained during the first issuance of ACCs and accordingly, it shall be confirmed that the project activity will not lead to double counting.
Findings	CL – 05 and FAR 01 were raised. Please refer appendix 4 for more information.
Conclusion	The project owner has clarified the intent of use of carbon credits for CORSIA hence, no double counting will take place.

D.14 CORSIA Eligibility (C+)

Means of Project Verification	A declaration under section A.5 and A.6 of the PSF/1/ has been included for offsetting the approved carbon credits (ACCs) for the entire crediting period from 22/10/2020 to 21/10/2030. The project owner has chosen to apply for CORSIA and the host country attestation will be obtained during the first issuance of ACCs and accordingly, it shall be confirmed that the project activity will not lead to double counting.
Findings	FAR 01 is raised.
Conclusion	The project owner has clarified the intent of use of carbon credits for CORSIA hence, no double counting will take place This is in line with Standard on avoidance on double counting version 1. Para 16./6/ /15/

SECTION E Internal quality control

The draft verification report prepared by team leader is reviewed by an independent technical

reviewer (having competence of relevant technical area himself/herself or through an independent technical area expert) to confirm the internal procedures established by LGAI are duly followed and the verification report/opinion is reached in an objective manner and complies with the applicable GCC requirements/6/.

The independent technical reviewer may approve or reject the draft verification report. The findings may be identified even at this stage, which needs to be satisfactorily resolved, before the request for issuance is submitted to GCC. The final decision is taken by the Manager Technical and Certification. The technical reviewer and Manager (Technical &Certification) can be the same person.

SECTION F Project Verification opinion

The GCC Project Verifier, LGAI Technological Center S.A., has verified and certified that the GCC Project Activity – 'Bundled Wind Power Project By Fiba Yenilenebilir Enerji' has correctly described the Project Activity in the Project Submission Form (Version 5.0,/1/ dated 01/09/2023 including the applicability of the approved methodology ACM0002, Version 21.0./4/ and meets the methodology applicability conditions, is additional and is expected to achieve the forecasted real and additional GHG emission reductions, complies with the monitoring methodology, has appropriately conducted local and global stakeholder consultation processes and has calculated emission reduction /2/ estimates correctly and conservatively; is likely to generate GHG emission reductions amounting to the estimated 168,981 tCO_2e annual average, as indicated in the PSF/1/ which are additional to the reductions that are likely to occur in absence of the Project Activity and complies with all applicable GCC rules, including ISO 14064-2 and ISO 14064-3/5/ and therefore requests the GCC Program to register the Project Activity; is not likely to cause any net-harm to the environment and/or society and complies with the Environmental and Social Safeguards Standard/6/, and therefore requests the GCC Program to register the Project Activity, which is likely to achieve the requirements of the Environmental No-net-harm Label (E+) and the Social No-net-harm Label (S+); and is likely to contribute to the achievement of United Nations Sustainability Development Goals (SDGs)/7/, comply with the Project Sustainability Standard/6/ and contribute to achieving a total of 04 SDGs, which is likely to achieve the Gold[10] SDG certification label (SDG+).

[10] SDG Certification labels: Bronze (level 1): contributes to 2 out of 17 SDGs; Silver (level 2): contributes to 3 out of 17 SDGs; Gold (level 3): contributes to 4 out of 17 SDGs; Platinum (level 4): contributes to 5 out of 17 SDGs; and Diamond (level 5): contributes to more than 5 SDGs.

Appendix 1. Abbreviations

Abbreviations	Full texts
ACC	Approved Carbon Credits
ACM	Approved Consolidated Methodology
AM	Approved Methodology
BE	Baseline Emission
BM	Build Margin
CAR	Corrective Action Request
CDM	Clean Development Mechanism
CH_4	Methane
CL	Clarification Request
CM	Combined Margin
CO_2	Carbon dioxide
CP	Crediting Period
DNA	Designated National Authority
DR	Desk Review
EIA	Environmental Impact Assessment
FAR	Forward Action Request
GCC	Global Carbon Council
GHG	Green House Gas
GW	Giga Watt
GWh	Giga Watt hour
IPCC	Intergovernmental Panel on Climate Change
LGAI	LGAI Technological Centre S.A
KW	kilo Watt
KWh	kilo Watt hour
LSC	Local Stakeholder Consultation Process
MoV	Means of Verification
MP	Monitoring Plan
MW	Mega Watt
MWh	Mega Watt hour
N_2O	Nitrous Oxide
OM	Operating Margin
PSF	Project Submission Form
PE	Project Emission
PLF	Plant Load Factor
PO	Project Owner
PS	Project Standard
RFR	Request for Registration
SDG	Sustainable Development Goal
tCO_2e	Tonnes of Carbon dioxide equivalent

UNFCCC	United Nations Framework Convention on Climate Change
V	Version
VS	Verification Standard
Project Specific	
HEPP	Wind Electric Power Plant
TEIAS	Turkish Electricity Transmission Corporation (Türkiye Elektrik Iletim A. S.)

Appendix 2. Competence of team members and technical reviewers

Name	SHORT CV. BACKGROUND INFORMATION
Mr. Jitendra Mohan Singh	**Mr. Jitendra Mohan Singh**, has done Advanced MSc in Sustainable Energy Systems and Management from International Institute of Management, University of Flensburg, Germany and B.Tech. in Agricultural Engineering from Allahabad University, India. He has more than 22 years of working experience in different organizations like IARI, IIT Delhi, ICAR, IRADe, CAPART, SMEC and Perenia Carbon and M B Power (Madhya Pradesh) Ltd. in the area of Agriculture, Energy & Environment and Climate Change. He also worked on contract basis (adhoc) as a RIT expert in UNFCCC from 2010 to 2013. Currently, he is associated with True Quality Certifications Private Limited and is empanelled with Applus+ Certification to carry out validation and verification related to GHG reductions projects. Holds experience as a Lead Auditor, Validator and Verifier for GHG mitigation projects and programmes of activities in Sectoral Scope 1.2 (Renewables), and is qualified as per Applus+ procedures.
Dr. N Premjit Singh	Dr. N Premjit Singh has a PhD in Mechanical Engineering (Thesis: Design and development of a square parabolic dish system with a concentrated photovoltaic (CPV) module for performance improvement) from the Indian Institute of Technology (IIT) Madras, Chennai, India, awarded in 2021. M.Tech in Energy Technology, Tezpur University, Napaam, India (2007), and B.Tech in Mechanical Engineering (2005), NERIST, Nirjuli, India. He has extensive experience of about 7 years with DOEs, including UNFCCC CDM and other carbon related schemes (e.g., VCS, GS, GCC), and 5 years + in research projects, renewable energy, and energy audits. In Applus+ since March 2023, he has been the Product Assurance Manager for CDM/VCS/GS4GG/GCC Department to ensure the quality of the performance of different assessments. Coordinate the global team for technical reviews, and identify the training needs for the auditors and technical reviewers to improve the quality of reports. Holds experience as a Lead Auditor, Validator and Verifier for GHG mitigation projects and programmes of activities in Sectoral Scope 1.2 (Renewables), and is qualified as per Applus+ procedures.

Appendix 3. Document reviewed or referenced

No.	Author	Title	References to the document	Provider
/1/	PO	Project Submission Form	Version 2.0 dated 08/09/2022 Version 6.0 dated 10/09/2023	PO
/2/	PO	Emission reduction worksheet (Corresponding to Project Submission Form)	Version 4.0 dated 01/09/2023	PO
/3/	PO	IRR calculation spread sheet (Corresponding to Project Submission Form)	Version 5.0 dated 07/09/2023	PO
/4/	UNFCCC	- CDM Methodology – ACM0002: Grid-connected electricity generation from renewable sources - Methodological Tool- Tool 01: Tool for the demonstration and assessment of additionality - Methodological Tool- Tool 07: Tool to calculate the emission factor for an electricity system - Tool- Tool 27: Investment analysis - Tool-24: Common Practice Analysis,	Version 21.0 Version 7.0.0 Version 7.0 Version 12.0 Version 3.1	UNFCCC
/5/	ISO	ISO 14064-2 & ISO 14064-3		ISO
/6/	GCC	Project Standard Verification Standard Environment and Social Safeguards Standard Project Sustainability Standard Standard on Avoidance of Double Counting Project Submission Form Project Verification Report Program Manual	Version 3.1 Version 3.1 Version 3.0 Version 3.1 Version 1.0 Version 4.0 Version 3.1 Version 3.1	GCC
/7/	UN	Sustainable Development Goals (SDGs)	https://sdgs.un.org/goals	UN
/8/	PO .	• Technical specifications/nameplate of technology as implemented on site and confirmed during Onsite Audit • Feasibility Report/Financial Parameter Report (prepared on the basis of third party energy assessment report prepared by “DNV GL” by dated 20/09/2017 for Pazarkoy Wind Farm and “Wind Potential and	Dated: 09/02/2023 Dated: 10/02/2023 Dated: 20/10/2019	PO

No.	Author	Title	References to the document	Provider
		Energy Yield Assessment report prepared by “UL International” by dated 09/07/2019 prepared for Yalova Wind)		
/9/	Ministry of Environment & Urbanization	**For Yalova Wind Power Plant** • Environmental Impact Assessment (EIA) Positive Letter” **For Pazarkoy Wind Power Plant** • EIA Exemption Letter	Dated: 08/04/2019 Dated 19/06/2018	PO
/10/	Energy Market Regulatory Authority (EMRA)	Generation License • 49 years 00 months as of 06/02/2020 for Pazarkoy Wind Farm Licence No: EU/9161-14/04429 • 49 Years 00 months (as of 26/10/2011) Licence No: EU/3474-6/2114	Dated 06/02/2020 Dated 26/10/2011	PO
/11/	PO	Investment Document 1. Connection Agreement Pazarkoy Wind Farm (Turkiye Electricity Transmission INC Headquarters & PO) 2. Connection Agreement Yalova Wind Farm (Turkiye Electricity Transmission Joint Stock Company & PO) 3. Audited Balance sheet - Capx (abstract) – for actual project cost 4. Audited Balance sheet abstract for actual O & M billed – 5. Intraday Market Participant agreement (EPIAS &Tekno Ruzgar Energi) 6. Intraday Market Participant agreement (EPIAS & Yares Elektrik Uretim A.S.)	Dated: 29/04/2020 Dated:20/09/2019 Dated: year 2022 Dated: year 2022 Dated: 30/07/2020 Dated: 30/07/2020	PO
/12/	PO	Latest available data (Sample Records) • Employment records • Attendance records • Training Records (HSE, First Aid & Other)		PO
/13/	PO	Local Stakeholder consultation evidence: Invitation Letters/notes for stakeholder consultation, LSC meeting photos, Attendance sheet	• 18/01/2022 (Yalova) • 19/01/2022 (Pazarkoy)	PO
/14/	Energy and Natural	Commissioning Certificate (Provisional Acceptance	T4 – 22/10/2020 (Initial Turbine	PO

No.	Author	Title	References to the document	Provider
	Resources Ministry	Minute/Certificate)	Commissioning of Bundle)	
/15/	GCC	Self-declaration on double counting (Given by Fiba Yenilenebilir Enerji by Dated 30/05/2023)	Standard on Avoidance of Double Counting, V1.0 – 2022 https://www.globalcarboncouncil.com/wp-content/uploads/2022/03/Standard-on-Avoidance-of-Double-Counting-V1.pdf	GCC
/16/	PO	Meter Details	-	PO
/17/	The World Bank	For benchmark value: The Implementation Completion and Results Report[11] of World Bank, Annex 3, table 3.3	2017	PO
/18/	PO	Letter of Nomination	Dated 07/09/2023	PO
/19/	PO	• Fiba Tax Certificate • Fiba Trade Registry gazette	Dated: 06/03/2007 Dated 24/10/2021	PO
/20/		• Year end exc. Rate (TL/$) • Avg. Exc. Rate (TL/$)	//www.tcmb.gov.tr/kurlar/kurlar_tr.html https://www.muhasebenews.com/ortalama-doviz-kuru-programi/	Others
/21/	Turkish Electricity Transmission Corporation (Türkiye Elektrik Iletim A. S. (TEIAS))	Electricity Market Law number Link: https://www.epdk.gov.tr/Detay/Icerik/3-0-0-2256/kanunlar To verify the feed in tariff	Viewed on: 06/09/2023	Others
/22/	Turkish Electricity Transmission Corporation (Türkiye Elektrik Iletim A. S. (TEIAS))	Electricity Market Law (4628) https://www.mevzuat.gov.tr/MevzuatMetin/1.5.4628.pdf Law on Utilization of Renewable Energy Resources for the Purpose of Generating Electricity Energy (5346) https://www.mevzuat.gov.tr/MevzuatMetin/1.5.5346.pdf Energy Efficiency Law (5627) https://www.resmigazete.gov.tr/eskiler/2007/05/20070502-2.htm Forest Law (6831) https://www.mevzuat.gov.tr/MevzuatMetin/1.3.6831.pdf Environment Law (2872) https://www.mevzuat.gov.tr/MevzuatM	Viewed on: 06/09/2023	Others

[11] https://documents1.worldbank.org/curated/en/799701498842988254/pdf/ICR00004069-06192017.pdf

No.	Author	Title	References to the document	Provider
		etin/1.5.2872.pdf		
/23/	Energy Markets Management Company (EPIAS)	Transparency Platform (for electricity price) https://seffaflik.epias.com.tr/transparency/piyasalar/gop/ptf.xhtml	Viewed on: 06/09/2023	Other
/24/	UNFCCC	Methodology: ACM0002	Version 21.0	Other
/25/	PO	Board Resolution (by Fiba Yenilenebilir Enerji Holdings A.S.	Dated: 25/12/2019	PO
/26/		Project webpage of Wind power project in turkey:GS7636 https://registry.goldstandard.org/projects/details/2325	Viewed on: 06/09/2023	Other
/27/	Turkish Electricity Transmission Corporation (Türkiye Elektrik Iletim A. S. (TEIAS))	EIAS website for OM/BM values https://enerji.gov.tr//Media/Dizin/EVCED/tr/%C3%87evreVe%C4%B0klim/%C4%B0klimDe%C4%9Fi%C5%9Fikli%C4%9Fi/TUESEmisyonFktr/Belgeler/Bform2020.pdf	Viewed on: 06/09/2023	Other
/28/	Public Domain	Solid Waste Management Regulation https://www.resmigazete.gov.tr/eskiler/2015/04/20150402-2.htm Waste Water Control Regulation https://www.mevzuat.gov.tr/File/GeneratePdf?mevzuatNo=7221&mevzuatTur=KurumVeKurulusYonetmeligi&mevzuatTertip=5	Viewed on: 06/09/2023	Other
/29/	PO	Common Practice Analysis Spreadsheet.		PO
/30/	EPIAS	EPIAS generation Records Actual Electricity Generation Record	Online records Year 2021	PO

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

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

~~**FAR ID**~~	~~xx~~	~~**Section no.**~~		~~**Date:** DD/MM/YYYY~~
~~**Description of FAR**~~				
~~N/A~~				
~~**Project Owners response**~~				~~**Date:** DD/MM/YYYY~~
~~**Documentation provided by Project Owner**~~				
~~**GCC Project Verifier assessment**~~				~~**Date:** DD/MM/YYYY~~

Table 2. CL from this verification

CL ID	01	**Section no.**	D.2	**Date:** 24/02/2023
Description of CL				
• On the Cover Page, applied version of GCC clarification one is V1.2, however, current version of GCC clarification is V.13. • On Cover page, ACM 0002, version 20.0 is mentioned, However, current version of methodology is ACM0002, version 21.0.				
Project Owner's response				**Date:** 17/08/2023
• The version number of clarification No. 01 has now been updated to V 1.3 on the cover page of the Project Submission Form. • The version number of the applied methodology has now been updated to version 21.0 the applicability conditions for the same has also been updated accordingly in section B.4 o the Project Submission Form.				
Documentation provided by Project Owner				
Project Submission Form				
GCC Project Verifier assessment				**Date:** 21/08/2023
Under the cover page of revised project submission report: • The version number of clarification No. 01 (V1.3), has now been updated which is found consistent with latest version available at GCC Resource Centre. Therefore, observation is closed. • Latest version (21.0) of applied methodology ACM0002, has now been updated which is checked by the Verification Team & found acceptable. **Hence, CL closed.**				

CL ID	02	**Section no.**	D.3.1	**Date:** 24/02/2023
Description of CL				
Under section B.1, Reference of Tool 32, Positive list of technologies and Tool 20 "Assessment of de-bundling for small-scale project activities" observe to be missing.				
Project Owner's response				**Date:** 17/08/2023
Reference of Tool 32, Positive list of technologies and Tool 20 "Assessment of de-bundling for small-scale project activities" have now been incorporated in section B.1 of the Project Submission Form.				
Documentation provided by Project Owner				
Project Submission Form				
GCC Project Verifier assessment				**Date:** 21/08/2023
Reference for Tool 20, "Assessment of de-bundling for small-scale project activities", has now been updated under section B.1 of the revised project submission report. However, the applicability of Tool 32, is not cleared under the whole report. Therefore, further correction required along with clarification. CL remains OPEN				
Project participant response				**Date:** 01/09/2023

The project is a large-scale project and hence tool 20 is not applicable to this project activity. The Tool 20 has now been removed from the
Documentation provided by Project Owner
Project Submission Form
GCC Project Verifier assessment **Date:** 03/09/2023
Latest tool 1, for additionality of large-scale project activity has now been incorporated under section B.1 and throughout the revised project submission report. Hence , CL Closed

CL ID	03	**Section no.**	D.3.5	**Date:** 17/08/2021
Description of CL				
Under section B.5, of submitted Project Submission Report, For the legal requirement test, PO has mentioned as Project is not enforced by law. However, details of key policies and regulations applicable to develop a wind power project is incorporated. Clarification required.				
Project Owner's response				**Date:** 12/05/2023
The project has been installed on the voluntary basis. The policies and regulations mentioned in the PSF indicates the laws in support of the renewable power projects. The same has now been mentioned in the PSF.				
Documentation provided by Project Owner				
Project Submission Form.				
GCC Project Verifier assessment				**Date:** 21/08/2023
Applicable policies and regulations applicable to develop wind power project in host country (Turkey) has now been included under the section B.5 of the revised project submission report which is checked and verified by the Verification Team & found acceptable. CL closed.				

CL ID	04	**Section no.**	D.3.5	**Date:** 24/02/2023
Description of CL				
Verification team has reviewed the PSF and IRR sheet submitted by PO and observed following: • PO has sourced 15% benchmark from the prototype project for CTF funding which is for 22.5 MW wind project. As per the additionality tool, the benchmark should be based on parameters that are standard in the market. Further, PO shall clarify whether this was valid at the investment decision and also submit supporting of investment decision. • Referred document of World Bank, 15% is expected equity IRR for typical capacity of wind 22.5 MW wind. PO to clarify how this is comparable with PA. • In Section B.5, Referred benchmark i.e.15% is pre-tax benchmark. However, PO has compared with calculated Post tax IRR. • PO shall clarify whether Input values used in investment analysis was valid and applicable at the time of the investment decision taken by the project participant. Also, submit supporting of investment decision taken by PO. • Under section B.5, of the PSF, for "Input values used for the investment analysis" the source/reference of data not indicates in PSF and IRR sheet. Also, PO shall submit the supporting of input parameters as well.				
Project Owner's response				**Date:** 17/08/2021
• The benchmark document is produced for the Turkish projects and has been widely used in the registered Turkish carbon finance projects in voluntary carbon standards like Verra, GS, GCC. The same benchmark rate for the WPPs is used for several sizes. The benchmark rate does not change but the monetary value of the plant changes according to the scale.At the time of investment decision when the first binding equipment agreements were signed (25/12/2019), the document was available. • It has been explained above. • The benchmark and the analysis of the project equity IRR is post tax. The statement in the PSF has been updated. • The feasibility report has now been submitted to Verification Team. • The source has now been mentioned in the IRR and the PSF.				

Documentation provided by project participant	
IRR sheet Feasibility report World Bank Document	
GCC Project Verifier assessment	**Date:** 21/08/2023
Under the revised PSF and IRR sheet : • Justification given by the project proponent has been accepted by the verification team and found 15 % benchmark consistent with table 3.2 of furnished World Bank Report 2017. • World Bank Report, for the year 2017 for Turkish RE projects has been referred where under table 3.2, Threshold Equity IRR for the Wind Power Project has been referred as 15 Perc. Therefore, current observation is closed now. • Post Tax Equity IRR has been calculated for the entire lifetime of the project activity. Same has been revised under the updated section B.5 of the project submission report. • Input values has been mentioned under section B.5 of the PSF referred as Feasibility Report, however associated study or web link for the basis of decided values under the feasibility report and IRR sheet still observed to be missing. Further, supporting for Board Meeting/ Resolution (basis of investment decision) not submitted. • Source of major of the input financial parameters have been mentioned, However, corrections required under the IRR sheet. Therefore, observation is still open. CAR open.	
Project participant response	**Date:** 01/09/2023
The relevant links have now been incorporated in section B.5 of the Project Submission Form. Investment decision document in support of the investment date has also been submitted to the assessment team.	
Documentation provided by Project Owner	
Project Submission Form Investment Decision Document Feasibility Report	
GCC Project Verifier assessment	**Date:** 03/09/2023
• Web-link associated with financial input parameters has now been furnished under section B.5 of the revised project submission report which is checked and found acceptable to the verification team & found acceptable. Also, Board Resolution (basis of investment decision) by dated 25/12/2019, has now been furnished by the project proponent which is checked and found acceptable to the verification team. Hence, CL Closed	

CL ID	05	**Section no.**	D.13	**Date:** 24/02/2023
Description of CL				
Project Owner has not submitted Host Country Attestation on Double Counting related to CORSIA requirements in accordance with the requirement of Standard on Avoidance of Double Counting V1.0 - 2022.				
Project Owner's response				**Date:** 17/08/2021
The host country attestation will be provided for the verification post 2020. Option "Along with the submission for a request for the first or subsequent issuance of ACCs" has now been selected under "**Requirements to avoid double counting**" on the cover page of the Project Submission Form. Information related to same has also been incorporated in section H of the Project Submission Form.				
Documentation provided by Project Owner				
Project Submission Form				
GCC Project Verifier assessment				**Date:** 21/08/2023
Justification provided by the project owner is checked by the Verification Team and found acceptable as PO has incorporated details consistent with section H of the revised PSF and Cover page acknowledged or marked checked. CL closed.				

CL ID	06	Section no.	D.9	Date: 21/08/2021
Description of CL				
Project Owner has to confirm GSC / GCC minor/major comments received during the submission of the current project activity. Supportive Evidences shall be required along with the response.				
Project Owner's response				**Date:** 07/09/2023
There three minor comments received during the web-hosting of the project activity. The screenshot for the same has now been submitted. All the three minor comments have now been addressed in the Project Submission Form.				
Documentation provided by Project Owner				
Screenshot of the minor comments. Project Submission Form				
GCC Project Verifier assessment				**Date:** 08/09/2023
There are three minor comments (confirmed from furnished screenshot email) pertaining to PSF filling instructions and latest version of E+ and S+ safeguards standards has now been eradicate out during the assessment. **Hence, CL is Closed**				

Table 3. CAR from this verification

CAR ID	01	Section no.	D.2	Date: 24/02/2023
Description of CAR				
Under the cover page following inconsistencies were observed: • Under Section A.1, Error observed in reference link of Table1 • PSF template V.3.2-2020 has been used. Currently the active version is V.4.0- 2022. PO shall update using new version of template. • Applied methodology is observed to be inconsistent under "CDM Rules" • Applied investment analysis tool observed to be old version (version 11.0), instead of updated version 12.0. PO shall be requested to cross check and revise the same. • Complete Technical specification of WTGs are missing in Section A.3 of PSF				
Project Owner's response				**Date:** 17/08/2021
1. The error has now been rectified in section A.1 of the Project Submission Form. 2. The template of the project submission form has now been updated to latest i.e. version 4.0. 3. Applied methodology has now been updated to version 21 and the same has now been made consistent through the Project Submission Form. 4. The version number of the investment analysis tool has now been updated to version 12.0 5. Complete technical specifications have now been incorporated in section A.3 of the Project Submission Form.				
Documentation provided by Project Owner				
Project Submission Form Brochure regarding technical specification.				
GCC Project Verifier assessment				**Date:** 21/08/2023
Under the updated project submission report: • Table 1, under section A.1 of the updated project submission report has now been updated which checked and verified by the verification team and found acceptable. • GCC Template, Version 4.0 has now been applied for revised project submission which is checked and verified by the verification team and found acceptable. • Applied methodology ACM0002, version 21.0 has now been updated under the cover page and throughout the report which is found acceptable to the verification team. • The version of investment analysis Tool 27, has now been updated to V12.0, which is found to be consistent at here and throughout the report as well. • Technical Specification details pertaining to both SPV's under the bundle has now been incorporated under section A.3 of the project submission report. CAR closed.				

CAR ID	02	Section no.	D.2	Date: 24/02/2023
Description of CAR				
Project Owner requested to submit Declaration for no double counting of intended use of Approved carbon credits (ACCs). In line with para 37 of the GCC Project standard "Project Owners shall provide documentary evidence establishing conclusively any right-of-use arising by virtue of a statutory, proprietary or contractual right of the plant, equipment, process or measure that generates GHG emission reductions and is accorded to the Project Owner". Thus, PO is required to provide signed Authorization letters to confirm the information provided in Appendix 1 of the PSF				
Project Owner's response				**Date:** 17/08/2021
No double accounting certificate along with intended use of Approved Carbon Credits have now been submitted to the Verification Team. Signed letter of authorization regarding the ownership of the project activity has also been submitted to the Verification Team.				
Documentation provided by Project Owner				
No double accounting declaration Declaration				
GCC Project Verifier assessment				**Date:** 21/08/2023
Project Owner's declaration for no double counting of intended use of Approved carbon credits (ACCs) has now been submitted by dated 30/05/2023. Further, project owner also furnished letter of authorization for demonstrating project ownership however, PO has to justify the compliance of furnished LoA with para 12, (a) & (b) of GCC program process, version 4.0. Therefore, observation is currently open. CAR remains OPEN				
Project participant response				**Date:** 01/09/2023
The compliance of the Letter of Authorization with para 12 12, (a) & (b) of GCC program process has now been justified in section A.1 of the Project Submission Form.				
Documentation provided by Project Owner				
Project Submission Form				
GCC Project Verifier assessment				**Date:** 03/09/2023
There are two sister's firm (*Tekno Rüzgar Enerji Yatırım Üretim ve Ticaret Anonim Şirketi* & *Yares Elektrik Üretim Anonim Şirketi*) under parent company named as "*Fiba Yenilenebilir Enerji Holding A. Ş.*" Therefore, furnished Letter of Authorization is not acceptable as same, still not comply with 12, (a) & (b) of GCC program process, version 4.0. Further, Corrective Action shall be required. **Hence, CAR remains OPEN**				
Project participant response				**Date:** 07/09/2023
Documentation provided by Project Owner				
Letter of Nomination has now been submitted to the assessment team as per project process para 12 (a).				
GCC Project Verifier assessment				**Date:** 08/09/2023
Letter of Nomination by dated 07/09/2023, consistent with para 12(b), requirements of GCC Program Process Version 4.0, has now been submitted which is checked and accepted by the verification team. **Hence, CAR Closed.**				

CAR ID	03	Section no.	D.3.1	Date: 24/02/2023
Description of CAR				

Under section B.1 of PSF, “Reference to methodologies” • PO shall incorporate the details of latest applicable ACM0002, version 21 along with their source under the footnote instead of old version of methodology, ACM0002, version 20. • PO shall incorporate the details of latest applicable version of investment analysis tool, version 12, throughout the report along with encapsulation of weblink under the footnote. • With reference to latest version of ACM0002, version 21 and Investment analysis tool, version 12, PO shall be requested to cross check the applicability conditions of section B.2 of submitted PSF and revise the same
Project Owner’s response **Date:** 17/08/2021
• Details of the latest applicable methodology ACM0002 version 21 along with the source under the footnote has now been updated throughout the Project Submission Form. • Latest version of the investment analysis tool version 12 has now been incorporated throughout the Project Submission Form. • The applicability conditions of the latest version of ACM0002 version 21 and investment analysis tool 12 has now been incorporated in section B.2 of the Project Submission Form.
Documentation provided by project participant
Project Submission Form
GCC Project Verifier assessment **Date:** 21/08/2023
Under section B.1 of the updated project submission report: • Latest applied methodology, ACM0002, Version 21 has now been mentioned under the section B.1 along with valid working weblink under the footnote. • Investment Analysis Tool, Tool 27, with latest version 12.0, has now been applied along with weblink under the footnote. • Applicability condition with reference to applied methodology ACM0002, Version 21.0, observed to be inconsistent clause 2.2 of ACM0002, Version 21.0. Therefore, further corrective action shall be required. CAR remains OPEN
Project Owner’s response **Date:** 01/09/2023
Applicability condition with reference to applied methodology ACM0002, Version 21.0, has now been made inconsistent clause 2.2 of ACM0002, Version 21.0.
Documentation provided by Project Owner
Project Submission Form.
GCC Project Verifier assessment **Date:** 03/09/2023
• Applicability condition has now been revised under section B.2, of revised project submission report which is checked and found acceptable to the verification team. **Therefore, this observation is closed now.** **Hence, CAR Closed**

CAR ID	04	**Section no.**	D.3.1	**Date:** 24/02/2023
Description of CAR				
ACM0002 version 20.0 has been updated version 21.0 by UNFCCC. PO shall update the PSF in line with the requirement of new version of methodology.				
Project Owner’s response				**Date:** 17/08/2021
The Project Submission Form has now been updated as per the latest version i.e. 21 of the Project Submission Form.				
Documentation provided by Project Owner				
Project Submission Form				
GCC Project Verifier assessment				**Date:** 21/08/2023
Latest version (21.0) of applied methodology ACM0002, has now been updated under the revised project submission report which is checked by the Verification Team & found acceptable. Hence, CAR closed.				

CAR ID	05	**Section no.**	D.3.5	**Date:** 24/02/2023
Description of CAR				

PO shall include the chronology of events for the project activities in order to validate the project conceptualization.
Project Owner's response **Date:** 17/08/2021
Chronology of events have now been incorporated in section A.3 of the Project Submission Form. Supportive of the same has now been submitted to the Verification Team.
Documentation provided by project participant
Commissioning Certificate Power Purchase Agreement Connection Agreement Project Submission Form
GCC Project Verifier assessment **Date:** 21/08/2023
Chronology of events in development of project still observed to be missing in the section B.5 of revised PSF. Also, submit supporting evidences. CAR open.
Project participant response **Date:** 01/09/2023
The chronology of the events have now been incorporated in section B.5 of the Project Submission Form.
Documentation provided by Project Owner
GCC Project Verifier assessment **Date:** 03/09/2023
Chronology incorporating major key event details, pertaining to bundle project activity has now been updated under section B.5 of the project activity which is further checked and verified by the verification team & found acceptable. Hence CAR Closed

CAR ID	06	**Section no.**	D.3.5	**Date:** 24/02/2023
Description of CAR				
Under section B.5 of PSF, "Demonstration of Additionality" • Input parameters/ breakup of project costs and refence of the same is missing in PSF. Also, PO shall submit the supporting of each input parameter to verifier • PO has considered expected tariff for 1st 10 years 7.3 cent/kWh and after 10 years 6.3 cent/kWh. PO shall clarify the basis of tariff. Further PO has mentioned that electricity tariff fluctuated between 4.3 $c/kWh and 8.6 $c/kWh between 01/04/2014 and 01/02/2016 whereas the weighted average of the tariff has been calculated as 6.2 $c/kWh in this period. Since, project activity has started electricity exported to grid, PP shall check the latest electricity price determined daily according to Market Financial Settlement Centre (MFSC) and submit supporting. • According to para 7 of TOOL 27, the fair value of any project activity assets at the end of the assessment period shall be included as a cash inflow in the final year. The same is not included in investment analysis. • While doing sensitivity analysis, PP shall also compare with actual O & M cost. Project cost, historical electricity generation/PLF and check the benchmark breaching. • There is error in formula under sensitivity analysis Tab (cell B12). IRR not changing with the change in % tariff. Further, if increase electricity production by 10%, IRR getting negative (-0.10%).				
Project Owner's response				**Date:** 17/08/2021

- Input parameters and references have been included in the PSF.
- The price information has been updated in the PSF.
- This is a licenced project. At the end of the licence period, the assets will be delivered to the state. Therefore there is no residual value.
- Actual costs have already been used for project cost and OM for 2020-2021. Apart from 2022 estimates have been used, which were not realized at the time of the report submission.
- The tariff sensitivity link has been updated. As for the negative IRR, the reason for the negative IRR for the increase of the production is that generally speaking there might not be only one IRR for a specific distribution of cashflows. This is one of the stated cases. In the vicinity of one root IRR (where NPV is zero), the NPV/discount rate curve might be upward sloping instead of downward sloping. Here, the root IRR of 2.88% corresponds to such point, where we see the stated (reversely expected) result. Due to the starting point of iteration of excel, different roots might come out. This a consequence of the multiple IRR cases and the functioning of excel iteration.

Documentation provided by Project Owner

IIR Sheet
Feasibility Report

GCC Project Verifier assessment	**Date:** 21/08/2023

Under the revised Project Submission Report:

- Breakup of project still observed to be missing from the PSF and furnished IRR sheet. Therefore, observation is still open.
- The tariff information has been broken up for initial 5 year , Next 5 years and further for next year under the revised PSF and IRR sheet, However, pertaining weblink for the applied value and justification for considering tariff after 10 years still observed to be missing from the submitted set of the documents. Therefore, further correction shall be required.
- Salvage Value or fair value still observed to be missing under the Cash Flow Statement under submitted IRR sheet. Corrective Action Shall be required.
- Estimated cost at the time of investment analysis shall be required, which as used at the time of Investment decision. No realized cost should be used for IRR calculation. Further, correction required along with justification.
- Sensitivity analysis table has now been revised and fluctuating by varying the tariff rates and other input parameters included under the assumptions tab of " IRR sheet".

CAR open

Project Owner's response	**Date:** 01/09/2023

- Project breakup has now been incorporated in section B.5 of the PSF.
- The pdf for the applied value and justification for considering tariff after 10 years have now been submitted to the assessment team.
- As per the technical specification of the solar panels, the performance guarantee period is 25 years which is the technical lifetime of the project activity. After which the equipments are discarded completely. Hence, there is no salvage value of the equipments at the end of the project's life in Turkey.
- The estimated cost from the feasibility report has now been used for the calculation of the IRR.

Documentation provided by Project Owner

IRR sheet
Feasibility report
Project Submission Form

DOE assessment	**Date:** 03/09/2023

- Project capital cost breakup (including machinery, building, epc cost etc) has now been incorporated under section B.5 of the updated PSF which is further checked and verified by the furnished investment supportive documents.
- Tariff rate has now been diversified for initial five year's , then next fears and ten years which is inconsistent with available Electric Market Law (available in Turkey). Therefore, further details shall be required.
- Justification is given for solar plant, however current project activity, associated with wind power plant. Further, corrective action required.
- Estimated cost, during the time of investment decision has now been incorporated under IRR sheet and respective project submission report. However,

  Under sensitivity analysis tab, fluctuating, breaching value parameters are inconsistent. Therefore, further correction shall be required.

Hence, CAR remains OPEN

Project Owner's response	**Date:** 07/09/2023

- The tariff has now been made consistent to the Electric Market Law.
- The typographical error has now been rectified.
- The updated IRR sheet has now been submitted to the assessment team.

Documentation provided by Project Owner

IRR sheet
Project Submission Form

GCC Project Verifier assessment	**Date:** 08/09/2023

- Tariff rate of 0.073$/KWh, has now been fixed for the lifetime of the project activity which is further checked and verified by the assessment team and found consistent with Electric Market Law, applicable to host country, Turkey.
- Justification has been revised, and made consistent with reference to Wind Power Plant (Current Project Activity).
- Breaching value has now been revised and made consistent while testing parameters separately under the "Sensitivity Analysis" Tab.

Hence, CAR Closed.

CAR ID	07	**Section no.**	D.3.5	**Date:** 24/02/2023

Description of CAR

Under section B.5 of PSF, "Demonstration of Additionality"

- PO has used Guidance 28 & 29 of EB 105 for sensitivity analysis. PO shall use latest guidance and also indicate the title of guidance/tool.
- In sensitivity analysis for parameter PLF, PO has mentioned that PLF has considered in financials for is as per Third Party DPR which is in line with "Guidelines for the reporting and validation of Plant load factors" stated in EB 48 Annex11 option 3(b). PO shall submit the copy of DPR as evidence. Further, PO shall also test the additionality with actual PLF as project has been commissioned and started electricity generation.
- Further, PO shall also test the additionality for other parameters with the actual values since PA has been commissioned.
- Further, PO is requested to include the analysis for "Probability to breach the benchmark".
- Common practice analysis spreadsheet is not submitted, PO is requested to submit the same for further assessment.

Project Owner's response	**Date:** 17/08/2021

- It has been updated
- The statement has been updated. Third party yield assessment reports for production have been used. They have been supplied. The actual costs for project has been used. The relevant documents supplied by the company regarding OM and project cost have been provided.
- It has been referred above.
- It has been included.
- Common practice analysis sheet has now been submitted to the Verification Team.

Documentation provided by Project Owner

IIR Sheet Feasibility Report CPA analysis sheet
GCC Project Verifier assessment **Date:** 21/08/2023
Under the revised project submission report: • Sensitivity analysis table, still observed to be inconsistent with submitted IRR sheet, further corrective action shall be required. • Reference of FSR is not correct under data table in IRR sheet. • Capacity factor (for demonstrating estimated electricity generation) has been given as input parameters which is verified by the furnished yield assessment report. Hence, this observation is closed now. • Probability to breach the applied values has now been included under the revised project submission report. Observation is closed. • Start date considered under the Common Practice Analysis spreadsheet is not consistent as per the CDM Glossary. Therefore, further corrective action shall be required. CAR open.
Project Owner's response **Date:** 01/09/2023
• Sensitivity table in the Project Submission Form has now been made consistent to the IRR sheet. • Reference of the FSR has now been rectified in the IRR sheet. • Start date has now been rectified in the Common Practice analysis. The analysis has now been done on the basis of the updated date.
Documentation provided by Project Owner
Project Submission Form IRR Sheet
GCC Project Verifier assessment **Date:** 03/03/2023
• Sensitivity analysis now revised, and observed to be consistent with revised project submission report and IRR sheet. • Reference list of Feasibility report under the tab, "Data", has now been revised under updated IRR sheet. • Start Date (25/12/2019) , has now been incorporated under section B.5 of the revised project submission report which is checked and verified by the furnished binding agreement/construction agreement date. Hence, found acceptable to the verification team. Hence, CAR Closed.

CAR ID	08	**Section no.**	D.3.6	**Date:** 24/02/2023
Description of CAR				
Under section B.6, of PSF, "Estimation of Emission Reductions": • For section B.6.2, "Data and Parameters Fixed ex ante", the reference web link not opening. Requested to attach valid and working web link. • For section B.6.3, of PSF, PO shall be requested to Demonstrate the calculation of OM (weightage of 3-year data) and BM with reference to "Tool to calculate the emission factor for an electricity system" version 7.0				
Project Owner's response				**Date:** 17/08/2021
• The link for the emission factor may not work outside the Türkiye Province and hence the pdf for the same has now been submitted to the Verification Team. • The values for OM and BM have been taken from "TÜRKİYE NATIONAL ELECTRICITY GRID EMISSION FACTOR INFORMATION FORM". The same has now been provided to Verification Team in both Turkish and English.				
Documentation provided by Project Owner				
Project Submission Form Türkiye National Electricity Grid Emission Factor Information Form				
GCC Project Verifier assessment				**Date:** 21/08/2023

Under section B.6 of the revised project submission report: • The weblink attached for the Ex-ante parameters observed to be inconsistent (for year's 2019 has been provided) with the ER sheet (estimated). Corrective Action Required. • Justification given by the project proponent is verified by the furnished weblink of " TURKIYE NATIONAL ELECTRCITY GRID EMISSION FACTOR INFORMATION FORM" for emission factor and found acceptable. Hence OK. CAR open.
Project Owner's response **Date:** 01/09/2023
The weblink for the Ex-ante parameters have now been updated and made consistent to the ER sheet. The link does not work outside of Turkiye province and hence the same has now been provided in the supportive documents.
Documentation provided by Project Owner
Project Submission Form IRR sheet Turkiye Emission Factor Reference Document
GCC Project Verifier assessment **Date:** 03/09/2023
Revised valid and working web-lick for Ex-ante parameters has now been updated under the project submission report, which is checked and found acceptable to the verification team. Hence, CAR Closed

CAR ID	09	**Section no.**	D.3.7	**Date:** 23/02/2023
Description of CAR				
During review of PSF (monitoring table of section B.7.1), Verifier has observed following: • For monitoring of SDGs in Section B.7.1, PO shall update the section in accordance with the latest Project Sustainability Standard and refer the same. • PO shall be requested to incorporate the single line diagram showing monitoring points in Section B.7.4 of PSF.				
Project Owner's response				**Date:** 17/08/2021
• The template of the Project Submission Form has now been updated to latest version i.e. version 04. Section B.7.1 and Section E has now been updated as be Project Sustainability Standard version 3.1 • Single line diagram has now been incorporated in section B.7.1 of the Project Submission Form.				
Documentation provided by Project Owner				
Project Submission Form				
GCC Project Verifier assessment				**Date:** 21/08/2023
Under section B.7 of the updated project submission report: • Version of Project Sustainability Standard still need revised with latest available on "GCC resource centre". • Single Line Diagram Still observed to be missing from the section B.7. of the revised Project Submission Form. Therefore, further corrective action shall be required. CAR open.				
Project participant response				**Date:** 01/09/2023
• Version number of the Project Sustainability Standard has now been updated to latest i.e. version 3.1. All the relevant sections have now been updated accordingly. • Single line diagram has now been incorporated in section B.7.1 of the Project Submission Form.				
Documentation provided by Project Owner				
Project Submission Form. Single Line Diagram				
GCC Project Verifier assessment				**Date:** 03/09/2023
Under the revised project submission report: • Version number of project sustainability standard has now been updated to latest version 3.1. which checked and verified by the verification team. • SLD still observed to be missing under revised project submission report.				
Project Owner's response				**Date:** 07/09/2023
Single line diagram has now been incorporated in section B.7.4 of the Project Submission Form.				
Documentation provided by Project Owner				

Project Submission Form. Single Line Diagram
GCC Project Verifier assessment **Date:** 08/09/2023
Single line Diagram for both the bundled Wind power plant has now been updated under section B.7.4 which is further checked and acceptable to the verification team. Hence, CAR Closed

CAR ID	10	**Section no.**	D.4	**Date:** 24/02/2023
Description of CAR				
Section C.1 of PSF is not filled in line with the guidance. PO should fill this section as per requirement and instruction mentioned in template.				
Project Owner's response				**Date:** 17/08/2021
Section C.1 of the Project Submission Form has now been filled as per the requirement and instruction mentioned in template.				
Documentation provided by Project Owner				
Project Submission Form				
GCC Project Verifier assessment				**Date:** 21/08/2023
Details has now been revised, consistent with reference to GCC Template filling instructions, Version 4.0 which further checked by the verification team and found acceptable. Therefore, this observation is closed now. CAR is Closed				

CAR ID	11	**Section no.**	D.10 & D.11	**Date:**24/02/2023
Description of CAR				
PO shall be requested to update the section E.1 & E.2, of the PSF, "Environment Safeguards" and "Social Safeguards" in accordance with the new PSF template, version 4.0. Simultaneously, update the cover page as version no of the E+/S+ safeguards observed to be missing.				
Project Owner's response				**Date:** 17/08/2021
Sections E.1 and E.2 have now been updated as per the latest template of Project Submission Form i.e. version 04. The version number of Project Sustainability Standard and Environment and Social Safeguards Standard has also been updated on the cover page of the Project Submission Form.				
Documentation provided by project participant				
Project Submission Form				
GCC Project Verifier assessment				**Date:** 21/08/2023
PO has now updated template for section E.1 & E.2 consistent with GCC Template Filling Instructions, Version 4.0. However, few inconsistencies still observed under section E.1 & E.2 of the PSF. Therefore, further correction action shall be required. CAR open.				
Project participant response				**Date:** 01/09/2023
All the inconsistencies have now been rectified in section E.1 and E.2 of the Project Submission Form.				
Documentation provided by Project Owner				
Project Submission Form				
GCC Project Verifier assessment				**Date:** 03/09/2023
Section E.1 and E.2 has now been updated, consistent with GCC Template Filling Instructions Version 4.0 which is further checked and found acceptable to the verification team. Hence, CAR Closed				

CAR ID	12	**Section no.**	D.6	**Date:** 24/02/2023
Description of CAR				
Under section G of PSF, "Local Stakeholder Consultation":				

• PO shall be requested to incorporate information under section with reference to GCC template filling instructions, version 4, para 71 and furnish evidence for MOM, invitation to stakeholder etc along with other LSC supportive documents. • Name of stakeholders, mode of communication supportive, attendance records for the participation of Local stakeholders shall be required. Also, furnish the sample photographs for the same.
Project Owner's response **Date:** 17/08/2021
The information related to Local Stakeholder Consultation has now been incorporated in section G of the Project Submission Form. MOM, invitation to stakeholder and attendance sheet has now been submitted to the Verification Team. All the supportive documents regarding the Local Stakeholder have now been submitted to the Verification Team.
Documentation provided by Project Owner
Minutes of Meeting Attendance Sheet Invitation LSHM Pictures
GCC Project Verifier assessment **Date:** 21/08/2023
Details pertaining to "Local Stakeholder Consultation", consistent with reference to GCC Template Filling instructions Version 4.0, has now been incorporated under section G of revised project submission form. Further, encapsulated details have been checked and verified by the assessment team and found acceptable. However, aforementioned supportive documents pertaining to LSC, observed to be missing from the submitted set of the documents. Therefore, observation is currently open. CAR open.
Project Owner's response **Date:** 01/09/2023
The LSC documents have now been submitted to the assessment team.
Documentation provided by Project Owner
Minutes of Meeting Attendance sheet Photographs
DOE assessment **Date:** 03/09/2023
Supportive documents pertaining to LSC, Still observed to be missing from the submitted set of the documents. Therefore, observation is currently open. Hence, CAR remains Open
Project Owner's response **Date:** 07/09/2023
All the supportive documents related to LSC has now been submitted to the assessment team.
Documentation provided by Project Owner
Minutes of Meeting Attendance sheet Photographs
GCC Project Verifier assessment **Date:** 08/09/2023
Local Stakeholder Consultation supporting documents has now been furnished for the both bundled project activity consistent with the details incorporated under the updated PSF. **Hence, CAR Closed**.

Table 4. FAR from this verification

FAR ID	01	**Section No.**	H	**Date:** 24/02/2023
Description of FAR				
The Verifier should certify CORSIA Label (C+) till 31 Dec 2020. Once the Host Country Authorization is provided later, this can be verified in first or subsequent verifications				
Project Owner's response				**Date:** 17/08/2021
The host country attestation on double accounting will be provided for the Verification post -2020. The same has now been mentioned in section H of the Project Submission Form.				

Documentation provided by Project Owner	
-	
GCC Project Verifier assessment	**Date:** DD/MM/YYYY
FAR remain open.	

Appendix 5. Environmental Safeguards assessment

Impact of Project Activity on		Information on Impacts, Do-No-Harm Risk Assessment and Establishing Safeguards								Project Owner's Conclusion		GCC Project Verifier's Conclusion (To be included in Project Verification Report only)
		Description of Impact (positive or negative)	**Legal/ voluntary corporate requirement / regulatory/ voluntary corporate threshold Limits**	**Do-No-Harm Risk Assessment (choose which ever is applicable)**			**Risk Mitigation Action Plans for aspects marked as Harmful**		**Performance indicator for monitoring of impact**	**Ex-ante scoring of environmental impact**	**Explanation of the Conclusion**	**3rd Party Audit**
				Not Applicable	**Harmless**	**Harmful**	**Operational Controls**	**Program of Risk Management Actions**	**Monitoring parameter and frequency of monitoring**	**Ex- Ante scoring of the environmental impact (as per scoring matrix Appendix-02)**	**Ex- Ante description and justification/explanation of the scoring of the environmental impact**	**Verification Process**
Environmental Aspects on the identified categories[12] indicated below.	Indicators for environmental impacts	Describe and identify anticipated and actual significant environmental impacts, both positive and negative from all sources (stationary and mobile) during normal and abnormal/emergency conditions, that may result from the construction and operations of the Project Activity, within and outside the project boundary, over which the Project Owner(s) has/have control.	Describe the applicable national regulatory requirements /legal limits / voluntary corporate limits related to the identified risks of environmental impacts.	If no environmental impacts are anticipated, then the Project Activity is unlikely to cause any harm (is safe) and shall be indicated as **Not Applicable**	If environmental impacts exist but are expected to be in compliance with applicable national regulatory /stricter voluntary corporate requirements and will be within legal/ voluntary corporate limits by way of plant design and operating principles, then the Project	If negative environmental impacts exist that will not be in compliance with the applicable national legal/ regulatory requirements or are likely to exceed legal limits, then the Project Activity is likely to cause harm (may be un-safe) and shall be	Describe the operational controls and best practices, focusing on how to implement and operate the Project Activity, to reduce the risk of impacts that have been identified as '**Harmful** at least to a level that is in compliance with applicable legal/regulatory requirements or industry best practice or stricter voluntary corporate requirements	Describe the Program of Risk Management Actions (refer to Table 3), focusing on additional actions (e.g., installation of pollution control equipment) that will be adopted to reduce or eliminate the risk of impacts that have been identified as **Harmful**.	Describe the monitoring approach and the parameters (KPI) to be monitored for each impact irrespective of whether it is harmless of harmful. The frequency of monitoring to be specified as well including the data source.	-1 0 +1	Confirm the score of environmental impact of the project with respect to the aspect and its monitored value in relation to legal /regulatory limits (if any) including basis of conclusion.	Describe how the GCC Verifier has assessed that the impact of the Project Activity against the particular aspect and in case of "harmful impacts" how has the project adopted Risk Mitigation Action Plans to mitigate the risks of negative environmental impacts to levels that are unlikely to cause any harm as well as the net positive impacts of the project with respect to the most likely baseline alternative. .

[12] sourced from the CDM SD Tool and the sample reports are available (https://www4.unfccc.int/sites/sdcmicrosite/Pages/SD-Reports.aspx)

					Activity is unlikely to cause any harm (is safe) and shall be indicated as **Harmless** /If the project has a positive impact on the environment mark it as "harmless" as well.	indicated as **Harmful**						
Reference to paragraphs of Environmental and Social Safeguards Standard		Paragraph 12 (a)	Paragraph 13 (c)	Paragraph 13 (d) (i)	Paragraph 13 (d) (ii)	Paragraph 13 (d) (iii)	Paragraph 13 (e) (i)	Paragraph 13 (e) (ii)	Paragraph 12 (c) and Paragraph 13 (f)	Paragraph 22		Paragraph 24 and Paragraph 26 (a) (i)
Environment - Air	SO_x emissions (EA01)	This is a wind power project and hence this aspect is not applicable to this project activity.	Not Applicable	Not Applicable	Not Applicable	Not Applicable	Not Applicable	Not Applicable	Not Applicable	Not Applicable	Not Applicable	Not Applicable
	NO_x emissions (EA02)	This is a wind power project and hence this aspect is not applicable to this project activity.	Not Applicable	Not Applicable	Not Applicable	Not Applicable	Not Applicable	Not Applicable	Not Applicable	Not Applicable	Not Applicable	Not Applicable
	CO_2 emissions (EA03)	Operation of the wind power project does not result in CO_2 emissions. However, in absences of the project activity (baseline scenario) the fossil fuel-based power plants would have supplied equivalent amount of electricity resulting in CO_2, emission.	Not Applicable	Not Applicable	Harmless The overall impact is positive with respect to the baseline alternative.	Not Applicable	Not Applicable	Not Applicable	Monthly measuring for electricity generation will be done by using electricity meters. Thus, emission reduction will be done using the actual generation values.	+1	In the baseline scenario (grid) some of the fossil fuel power plants may have emitted CO_2 emissions, which has been calculated by the combined margin emission factor as mentioned in the PSF. Therefore, emission reductions are expected to be reduced which will be regularly monitored and verified ex-post.	The project will have positive impact by reducing measurable amount of CO_2 emissions

											There is not legal/regulatory limit for this aspect. The GHG emission reductions due to the installment of the project activity will be measured monthly.	
	CO emissions (EA04)	This is a wind power project and hence this aspect is not applicable to this project activity.	Not Applicable	Not Applicable	Not Applicable	Not Applicable	Not Applicable	Not Applicable	Not Applicable	Not Applicable	Not Applicable	Not Applicable
	Suspended particulate matter (SPM) emissions (EA05)	This is a wind power project and hence this aspect is not applicable to this project activity.	Not Applicable	Not Applicable	Not Applicable	Not Applicable	Not Applicable	Not Applicable	Not Applicable	Not Applicable	Not Applicable	Not Applicable
	Fly ash generation (EA06)	This is a wind power project and hence this aspect is not applicable to this project activity.	Not Applicable	Not Applicable	Not Applicable	Not Applicable	Not Applicable	Not Applicable	Not Applicable	Not Applicable	Not Applicable	Not Applicable
	Non-Methane Volatile Organic Compounds (NMVOCs) (EA07)	This is a wind power project and hence this aspect is not applicable to this project activity.	Not Applicable	Not Applicable	Not Applicable	Not Applicable	Not Applicable	Not Applicable	Not Applicable	Not Applicable	Not Applicable	Not Applicable
	Odor (EA08)	This is a wind power project and hence this aspect is not applicable to this project activity.	Not Applicable	Not Applicable	Not Applicable	Not Applicable	Not Applicable	Not Applicable	Not Applicable	Not Applicable	Not Applicable	Not Applicable
	Noise Pollution (EA09)	Wind turbines produce noise when operating. The noise is generated primarily from mechanical and aerodynamic sources. Mechanical noise may be generated by machinery in the nacelle. Aerodynamic noise emanates from the movements of air around the turbine blades and tower. The types of aerodynamic noise may	Not Applicable	Not Applicable	Harmless No Action Required	No action required	Not Applicable	Not Applicable	The targets implemented to ensure that the Project Activity will avoid negative impacts that cause harm via monitoring the noise levels generated from the WTGs to be maintained below the default decibel range via continuous	0	There has been no noise pollution generated by the project activity. There are no residential or commercial areas nearby the project location which can be justified by the project geo-coordinates	Project owner provided mitigation plan to reduce the risk is not likely to cause any harm to the environment

		include low frequency, impulsive low frequency, tonal and continuous broadband. In addition, the amount of noise may rise with increasing rotation speed of the turbine blade,							monitoring of the noise levels. The noise monitoring has been conducted for determination of the ambient noise levels to study the area. The noise levels for each location have been monitored for 24 hours. The day noise levels have been monitored from 6 AM to 10 PM and night noise levels have been recorded from 10 PM to 6 AM		and hence there is no noise pollution outside the project boundary. The noise pollution related to the wind power plant complies with the Noise (Regulation and Control) Rules 2000 amended in 2010). Due to the technical specification of the wind turbine and the distance between two wind farms maintained at site, it is expected that noise will be significantly low from the project activity.	
	Shadow Flicker (EA10)	Shadow flicker occurs when the sun passes behind the wind turbine and casts a shadow. As the rotor blades rotate, shadows pass over the same point causing an effect termed shadow flicker. Shadow flicker may become a problem when potentially sensitive receptors (e.g., residential properties, workplaces, learning and/or health care spaces/facilities) are located nearby, or have a specific orientation to the wind energy facility	Not Applicable	Not Applicable	Harmless No Action Required	No action required	Not Applicable	Not Applicable	The WTG are in open lands and no residential houses are nearby and hence concept of Shadow flicker is not applicable to this project activity. There has been no No Indian legislation exists under which this aspect needs to be mentioned.	0	Proposed wind turbines are coated with non-reflective paint, which will avoid reflection of light from towers. Similar to shadow flicker, blade or tower glint occurs when the sun strikes a rotor blade or the tower at a particular orientation. This can impact the community, as the reflection of sunlight off the rotor blade may be angled toward nearby residences. Blade glint is a temporary	Project owner provided mitigation plan to reduce the risk is not likely to cause any harm to the environment

											phenomenon for new turbines only, and typically disappears when blades get soiled after a few months of operation. Since the settlements are more than 500 m away from the project site this problem is not anticipated in the operational stage of the project. Also, WTGs considered in this project are painted with non-reflective coatings; reflection from tower is not anticipated. Hence there is no impact of the shadow flicker on the nearby areas.	
Environment - Land	Solid waste Pollution from Plastics (EL-01)	This is a wind power project and hence this aspect is not applicable to this project activity.	Not Applicable	Not Applicable	Not Applicable	Not Applicable	Not Applicable	Not Applicable	Not Applicable	Not Applicable	Not Applicable	Not Applicable
	Solid waste Pollution from Hazardous wastes (EL02)	Damaged equipment at site might have negative environment impacts if not managed well	Waste Management Regulation dated April 2, 2015, and numbered 29314[13] Not Applicable	Not Applicable	Harmless This is harmless as the damaged /hazardous waste will be disposed of properly.	Not Applicable	Not Applicable	Not Applicable	The equipment modules shall be stored and disposed-off as per the national/local law.	+1	The project owner undertakes to manage project equipment waste in an appropriate manner and in compliance to the prevailing laws and regulations.	Project owner provided mitigation plan to reduce the risk is not likely to cause any harm to the environment The appropriate Monitoring plan has been put in place to monitor the risks identified due to the implementation on of the project activity. This will be

[13] https://www.resmigazete.gov.tr/eskiler/2015/04/20150402-2.htm

											This aspect will be monitored throughout the entire crediting period and the monitoring measures for the same has been incorporated in section B.7.1.	monitored as per monitoring plan in the PSF section B.7.2 and assessment of the same is provided & D.3.7 of the Project Verification Report.
	Solid waste Pollution from Bio-medical wastes (EL03)	This is a wind power project and hence this aspect is not applicable to this project activity.	Not Applicable	Not Applicable	Not Applicable	Not Applicable	Not Applicable	Not Applicable	Not Applicable	Not Applicable	Not Applicable	Not Applicable
	Solid waste Pollution from E-wastes (EL04)	This is a wind power project and hence this aspect is not applicable to this project activity.	Not Applicable	Not Applicable	Not Applicable	Not Applicable	Not Applicable	Not Applicable	Not Applicable	Not Applicable	Not Applicable	Not Applicable
	Solid waste Pollution from Batteries (EL05)	This is a wind power project and hence this aspect is not applicable to this project activity.	Not Applicable	Not Applicable	Not Applicable	Not Applicable	Not Applicable	Not Applicable	Not Applicable	Not Applicable	Not Applicable	Not Applicable
	Solid waste Pollution from end-of-life products/ equipment (EL06)	Damaged/ disposed equipment at site might have negative environmental impacts if not managed well after their end of-life	Waste Management Regulation dated April 2, 2015 and numbered 29314[14] Turkish Waste Management Regulation	Not Applicable However, management actions are introduced towards management of solid waste pollution from end-of-life products/ equipment if any.	Harmless Actions towards management of solid waste pollution from end-of-life products/ equipment has been introduced. The aspect	Since management action is inducted therefore no environmental impact are anticipated	Proper management actions have been introduced to record end of life products/ equipment from the projects sites and its disposal mechanism	Project owner has introduced procedure to maintain records of end-of-life products/ equipment and its disposal as per applicable law and procedure for same is being articulated	The damaged/expired equipment shall be stored and disposed-off as per the national/local law. Project Owner is responsible to maintain records and filling of returns as per applicable law	+1	Project Owner is responsible to maintain records and dispose all products after ending lifecycle as per applicable law. Project owner will be responsible to maintain records and filling of record as per applicable law and will not have no significant impact. This	The damaged wind turbine blades, inverters , cables and other accessories will be returned to the manufacturer for the disposal as per the host country regulations. added a parameter 'Solid Waste Pollution from end -of -life products/ equipment' to monitor the waste generated due to project activity

[14] https://www.resmigazete.gov.tr/eskiler/2015/04/20150402-2.htm

					has been considered harmless as there will be proper disposal of the E-waste.			under PRMA 3			aspect will be monitored throughout the entire crediting period and the monitoring measures for the same has been incorporated in section B.7.1.	
	Soil Pollution from Chemicals (including Pesticides, heavy metals, lead, mercury) (EL07)	This is a wind power project and hence this aspect is not applicable to this project activity.	Not Applicable	Not Applicable	Not Applicable	Not Applicable	Not Applicable	Not Applicable	Not Applicable	Not Applicable	Not Applicable	Not Applicable
	land use change (change from cropland /forest land to project land) (EL08)	This is a wind power project and hence this aspect is not applicable to this project activity.	Not Applicable	Not Applicable	Not Applicable	Not Applicable	Not Applicable	Not Applicable	Not Applicable	Not Applicable	Not Applicable	Not Applicable
	Others (EL09)	This is a wind power project and hence this aspect is not applicable to this project activity.	Not Applicable	Not Applicable	Not Applicable	Not Applicable	Not Applicable	Not Applicable	Not Applicable	Not Applicable	Not Applicable	Not Applicable
Environment - Water	Reliability/ accessibility of water supply (EW01)	This is a wind power project and hence this aspect is not applicable to this project activity.	Not Applicable	Not Applicable	Not Applicable	Not Applicable	Not Applicable	Not Applicable	Not Applicable	Not Applicable	Not Applicable	Not Applicable
	Water Consumption from ground and other sources (EW02)	This is a wind power project and hence this aspect is not applicable to this project activity.	Not Applicable	Not Applicable	Not Applicable	Not Applicable	Not Applicable	Not Applicable	Not Applicable	Not Applicable	Not Applicable	Not Applicable
	Generation of wastewater (EW03)	This is a wind power project and hence this aspect is not applicable to this project activity.	Not Applicable	Not Applicable	Not Applicable	Not Applicable	Not Applicable	Not Applicable	Not Applicable	Not Applicable	Not Applicable	Not Applicable

	Wastewater discharge without/with insufficient treatment (EW04)	This is a wind power project and hence this aspect is not applicable to this project activity.	Not Applicable	Not Applicable	Not Applicable	Not Applicable	Not Applicable	Not Applicable	Not Applicable	Not Applicable	Not Applicable	Not Applicable
	Pollution of Surface, Ground and/or Bodies of water (EW05)	This is a wind power project and hence this aspect is not applicable to this project activity.	Not Applicable	Not Applicable	Not Applicable	Not Applicable	Not Applicable	Not Applicable	Not Applicable	Not Applicable	Not Applicable	Not Applicable
	Discharge of harmful chemicals like marine pollutants / toxic waste (EW06)	This is a wind power project and hence this aspect is not applicable to this project activity.	Not Applicable	Not Applicable	Not Applicable	Not Applicable	Not Applicable	Not Applicable	Not Applicable	Not Applicable	Not Applicable	Not Applicable
	Others (EW07)	This is a wind power project and hence this aspect is not applicable to this project activity.	Not Applicable	Not Applicable	Not Applicable	Not Applicable	Not Applicable	Not Applicable	Not Applicable	Not Applicable	Not Applicable	Not Applicable
Environment – Natural Resources	Conserving mineral resources (ENR01)	This is a wind power project and hence this aspect is not applicable to this project activity.	Not Applicable	Not Applicable	Not Applicable	Not Applicable	Not Applicable	Not Applicable	Not Applicable	Not Applicable	Not Applicable	Not Applicable
	Protecting/ enhancing plant life (ENR02)	This is a wind power project and hence this aspect is not applicable to this project activity.	Not Applicable	Not Applicable	Not Applicable	Not Applicable	Not Applicable	Not Applicable	Not Applicable	Not Applicable	Not Applicable	Not Applicable
	Protecting/ enhancing species diversity (ENR03)	This is a wind power project and hence this aspect is not applicable to this project activity.	Not Applicable	Not Applicable	Not Applicable	Not Applicable	Not Applicable	Not Applicable	Not Applicable	Not Applicable	Not Applicable	Not Applicable
	Protecting/ enhancing forests (ENR04)	This is a wind power project and hence this aspect is not applicable to this project activity.	Not Applicable	Not Applicable	Not Applicable	Not Applicable	Not Applicable	Not Applicable	Not Applicable	Not Applicable	Not Applicable	Not Applicable
	Protecting/ enhancing other depletable	This is a wind power project and hence this aspect is not applicable to this project activity.	Not Applicable	Not Applicable	Not Applicable	Not Applicable	Not Applicable	Not Applicable	Not Applicable	Not Applicable	Not Applicable	Not Applicable

	natural resources (ENR05)											
	Conserving energy (ENR06)	This is a wind power project and hence this aspect is not applicable to this project activity.	Not Applicable	Not Applicable	Not Applicable	Not Applicable	Not Applicable	Not Applicable	Not Applicable	Not Applicable	Not Applicable	Not Applicable
	Replacing fossil fuels with renewable sources of energy (ENR07)	The project activity involves generation of power using wind energy resources which would have been otherwise generated from the fossil fuel dominant grid connected power plants in the absence of the project activity.	Not Applicable	Not Applicable	Harmless No action required	Not Applicable	Not Applicable	Not Applicable	Total quantum of fossil fuel replaced due to the project activity will be monitored against the indicator of quantum of fossil fuel-based electricity replaced due to the project activity. Please refer to Section B.7.1 of the PSF.	+1	Generation of electricity using renewable energy resources will replace use of fossil fuel-based grid electricity and associated fossil fuel used for its generation. Project owner will be responsible to maintain record of total quantum of renewable based electricity generated.	Project owner provided mitigation plan to reduce the risk is not likely to cause any harm to the environment The appropriate Monitoring plan has been put in place to monitor the risks identified due to the implementation on of the project activity. This will be monitored as per monitoring plan in the PSF section B.7.2 and assessment of the same is provided & D.3.7 of the Project Verification Report.
	Replacing ODS with non-ODS refrigerants (ENR08)	This is a wind power project and hence this aspect is not applicable to this project activity.	Not Applicable	Not Applicable	Not Applicable	Not Applicable	Not Applicable	Not Applicable	Not Applicable	Not Applicable	Not Applicable	Not Applicable
	Others (ENR09)											

Net Score:		**+4**
Project Owner's Conclusion in PSF:		The Project Owner confirms that the Project Activity will not cause any net harm to Environment.
GCC Project Verifier's Opinion:		The GCC Verifier certifies that the Project Activity is not likely to cause any net harm to the environment.

Appendix 6. Social Safeguards assessment

Impact of Project Activity on		**Information on Impacts, Do-No-Harm Risk Assessment and Establishing Safeguards**							**Project Owner's Conclusion**		**GCC project Verifier's Conclusion** **(To be included in Project Verification Report only)**
		Description of Impact (positive or negative)	**Legal requirement /Limit, Corporate policies / Industry best practice**	**Do-No-Harm Risk Assessment** **(Choose which ever is applicable)**			**Risk Mitigation Action Plans (for aspects marked as Harmful)**	**Performance indicator for monitoring of impact.**	**Ex-ante scoring of environmental impact**	**Explanation of the Conclusion**	**3rd Party Audit**
				Not Applicable	**Harmless**	**Harmful**	**Operational / Management Controls**	**Monitoring parameter and frequency of monitoring (as per scoring matrix Appendix-02)**	**Ex- Ante scoring of social impact of the project**	**Ex- Ante description and justification/explanation of the scoring of social impact of the project**	**Verification Process** **Will the Project Activity cause any harm?**
Social Aspects on the identified	Indicators for social impacts	Describe and identify actual and anticipated impacts on society and stakeholders, both positive or negative, from all sources during normal and abnormal/emergency conditions that may result from constructing and operating of the Project Activity within or outside the project boundary, over which the project Owner(s) has/have control	Describe the applicable national regulatory requirements / legal limits or organizational policies or industry best practices related to the identified risks of social impacts	If no social impacts are anticipated, then the Project Activity is unlikely to cause any harm (is safe) and shall be indicated as **Not Applicable**	If social impacts exist but are expected to be in compliance with applicable national regulatory requirements/ stricter voluntary corporate limits by way of plant design and operating principles then the Project Activity is unlikely to cause any harm (is safe)	If negative social impacts exist that will not be in compliance with the applicable national legal/ regulatory requirements or are likely to exceed legal limits, then the Project Activity is likely to cause harm and shall be	Describe the operational or management controls that can be implemented as well as best practices, focusing on how to implement and operate the Project Activity, to reduce the risk of impacts that have been identified as **Harmful**.	Describe the monitoring approach and the parameters (KPI) to be monitored for each impact irrespective of whether it is harmless of harmful. The frequency of monitoring to be specified as well. Monitoring parameters can be quantitative or qualitative in nature along with the data source	-1 0 +1	Confirm the score of the social impacts of the project with respect to the aspect and its monitored value in relation to legal/regulatory limits (if any) including basis of conclusion	Describe how the GCC Verifier has assessed that the impact of Project Activity on social aspects (based on monitored parameters, quantitative or qualitative) and in case of "harmful aspects how has the project owner adopted Risk Mitigation Action / management actions plans and policies to mitigate the risks of

categories[15] indicated below.					and shall be indicated as **Harmless**), project having positive impact on society. To the BAU / baseline scenario must also mark their aspect as **"harmless"**	indicated as **Harmful**					negative social impacts to levels that are unlikely to cause any harm. Also describe the positive impacts of the project on the society as compared to the baseline alternative or BAU scenario.
Reference to paragraphs of Environmental and Social Safeguards Standard		Paragraph 12 (a)	Paragraph 13 (c)	Paragraph 13 (d) (i)	Paragraph 13 (d) (ii)	Paragraph 13 (d) (iii)	Paragraph 13 (e) (i)	Paragraph 12 (c) and Paragraph 13 (f)	Paragraph 23		Paragraph 24 and Paragraph 26 (a) (ii)
Social - Jobs	Long-term jobs (> 10 year) created/ lost (SJ01)	The project activity leads long term to the employment generation	No regulation / legal requirement	Not Applicable	Not Applicable	Not Applicable	There are no harmful impacts of the project activity as it leads to the employment generation.	Number of people employed by the project will be monitored through checking Social Security Institution records and Security Guard Service Invoice Refer to Section B.7.1.	+1	Although there is no mandatory law to generate permanent employment from the project activity, however, project owner has been decided to provide training to the local people & generate permanent employment for local people Therefore this parameter will be scored. Since the project activity is	The project operation has created new job opportunities in the area during operational phase of the project activity. The number of persons employed would be monitored through HR records/payroll records.

[15] sourced from the CDM SD Tool and the sample reports are available (https://www4.unfccc.int/sites/sdcmicrosite/Pages/SD-Reports.aspx)

										already operational the project activity has already resulted in employability. No risks have been identified and hence no risk mitigation action is required	
	New short-term jobs (< 1 year) created/ lost (SJ02)	The project activity leads to short term to the employment generation	No regulation / legal requirement	Not Applicable	Not Applicable	Not Applicable	There are no harmful impacts of the project activity as it leads to the employment generation. There are no harmful impacts of the project activity as it leads to the employment generation.	Number of people employed by the project will be monitored through checking Social Security Institution records and Security Guard Service Invoice Refer to Section B.7.1.	+1	Although there is no mandatory law to generate permanent employment from the project activity, however, project owner has been decided to provide training to the local people & generate permanent employment for local people Therefore this parameter will be scored. Since the project activity is already operational the project activity has already resulted in employability. No risks	The project activity generates short term job opportunities during the operation the project activity which will be monitored in subsequent verification activity.

										have been identified and hence no risk mitigation action is required	
	Sources of income generation increased / reduced (SJ03)	This aspect is not applicable to this project activity.	Not Applicable	Not Applicable	Not Applicable	Not Applicable	Not Applicable	Not Applicable	Not Applicable	Not Applicable	Not Applicable
	Avoiding discrimination when hiring people from different race, gender, ethnics, religion, marginalized groups, people with disabilities (SJ04) (Human rights)	This aspect is not applicable to this project activity.	Not Applicable	Not Applicable	Not Applicable	Not Applicable	Not Applicable	Not Applicable	Not Applicable	Not Applicable	Not Applicable
Social - Health & Safety	Disease prevention (SHS01)	This aspect is not applicable to this project activity.	Not Applicable	Not Applicable	Not Applicable	Not Applicable	Not Applicable	Not Applicable	Not Applicable	Not Applicable	Not Applicable
	Occupational health hazards (SHS02)	This aspect is not applicable to this project activity.	Not Applicable	Not Applicable	Not Applicable	Not Applicable	Not Applicable	Not Applicable	Not Applicable	Not Applicable	Not Applicable
	Reducing / increasing	Training undertaken in the areas of occupational health and risks will help in	Occupational Health and Safety	Not Applicable	Not Applicable	Not Applicable	Not Applicable	The number of trainings undertaken in the area of occupational health	+1	The number of trainings undertaken in the area	Heath and safety training has been conducted during the construction phase and during

	accidents /Incidents/fatality (SHS03)	reducing on job accidents	Law [16] Not Applicable					and risks will be monitored and assessed form the records of training. Refer to Section B.7.2		of occupational health and risks will be and will therefore be scored.	the current operational phase. Records will be provided during each subsequent monitoring.
	Reducing / increasing crime (SHS04)	This aspect is not applicable to this project activity.	Not Applicable	Not Applicable	Not Applicable	Not Applicable	Not Applicable	Not Applicable	Not Applicable	Not Applicable	Not Applicable
	Reducing / increasing food wastage (SHS05)	This aspect is not applicable to this project activity.	Not Applicable	Not Applicable	Not Applicable	Not Applicable	Not Applicable	Not Applicable	Not Applicable	Not Applicable	Not Applicable
	Reducing / increasing indoor air pollution (SHS06)	This aspect is not applicable to this project activity.	Not Applicable	Not Applicable	Not Applicable	Not Applicable	Not Applicable	Not Applicable	Not Applicable	Not Applicable	Not Applicable
	Efficiency of health services (SHS07)	This aspect is not applicable to this project activity.	Not Applicable	Not Applicable	Not Applicable	Not Applicable	Not Applicable	Not Applicable	Not Applicable	Not Applicable	Not Applicable
	Sanitation and waste management (SHS08)	This aspect is not applicable to this project activity.	Not Applicable	Not Applicable	Not Applicable	Not Applicable	Not Applicable	Not Applicable	Not Applicable	Not Applicable	Not Applicable
	Other health and safety issues (SHS09)	This aspect is not applicable to this project activity.	Not Applicable	Not Applicable	Not Applicable	Not Applicable	Not Applicable	Not Applicable	Not Applicable	Not Applicable	Not Applicable

[16] https://www.mevzuat.gov.tr/mevzuat?MevzuatNo=16924&MevzuatTur=7&MevzuatTertip=5

Social - Education	specialized training / education to local personnel (SE01)	The project owner has introduced component of training/ skilling of employed resources	Not Applicable	Not Applicable	Not Applicable	Not Applicable	Not Applicable	Training Records produced/maintained by the project owner will be used to monitor. Refer to Section B.7.1 of the PSF	+1	Project Owner will take Initiative towards provisioning of on-job training to employee	Project owner confirms that technical training programme which constitutes data monitoring and maintenance of the equipment will be implemented which is further monitored by the records maintained at project site and as per the section B.7.*1*
	Educational services improved or not (SE02)	This aspect is not applicable to this project activity.	Not Applicable	Not Applicable	Not Applicable	Not Applicable	Not Applicable	Not Applicable	Not Applicable	Not Applicable	Not Applicable
	Project-related knowledge dissemination effective or not (SE03)	This aspect is not applicable to this project activity.	Not Applicable	Not Applicable	Not Applicable	Not Applicable	Not Applicable	Not Applicable	Not Applicable	Not Applicable	Not Applicable
	Other educational issues (SE03)	This aspect is not applicable to this project activity.	Not Applicable	Not Applicable	Not Applicable	Not Applicable	Not Applicable	Not Applicable	Not Applicable	Not Applicable	Not Applicable
Social - Welfare	Improving/ deteriorating working conditions (SW01)	This aspect is not applicable to this project activity.	Not Applicable	Not Applicable	Not Applicable	Not Applicable	Not Applicable	Not Applicable	Not Applicable	Not Applicable	Not Applicable
	Community and rural welfare (indigenous people and	This aspect is not applicable to this project activity.	Not Applicable	Not Applicable	Not Applicable	Not Applicable	Not Applicable	Not Applicable	Not Applicable	Not Applicable	Not Applicable

	communities) (SW02)										
	Poverty alleviation (more people above poverty level) (SW03)	This aspect is not applicable to this project activity.	Not Applicable	Not Applicable	Not Applicable	Not Applicable	Not Applicable	Not Applicable	Not Applicable	Not Applicable	Not Applicable
	Improving / deteriorating wealth distribution/ generation of income and assets (SW04)	This aspect is not applicable to this project activity.	Not Applicable	Not Applicable	Not Applicable	Not Applicable	Not Applicable	Not Applicable	Not Applicable	Not Applicable	Not Applicable
	Increased or / deteriorating municipal revenues (SW05)	This aspect is not applicable to this project activity.	Not Applicable	Not Applicable	Not Applicable	Not Applicable	Not Applicable	Not Applicable	Not Applicable	Not Applicable	Not Applicable
	Women's empowerment (SW06) (Human rights)	This aspect is not applicable to this project activity.	Not Applicable	Not Applicable	Not Applicable	Not Applicable	Not Applicable	Not Applicable	Not Applicable	Not Applicable	Not Applicable
	Reduced / increased traffic congestion (SW07)	This aspect is not applicable to this project activity.	Not Applicable	Not Applicable	Not Applicable	Not Applicable	Not Applicable	Not Applicable	Not Applicable	Not Applicable	Not Applicable
	Exploitation of	This aspect is not applicable to this project activity.	Not Applicable	Not Applicable	Not Applicable	Not Applicable	Not Applicable	Not Applicable	Not Applicable	Not Applicable	Not Applicable

	Child labour (Human rights) (SW08)										
	Minimum wage protection (Human rights) (SW09)	This aspect is not applicable to this project activity.	Not Applicable	Not Applicable	Not Applicable	Not Applicable	Not Applicable	Not Applicable	Not Applicable	Not Applicable	Not Applicable
	Abuse at workplace. (With specific reference to women and people with special disabilities / challenges) (Human rights) (SW10)	This aspect is not applicable to this project activity.	Not Applicable	Not Applicable	Not Applicable	Not Applicable	Not Applicable	Not Applicable	Not Applicable	Not Applicable	Not Applicable
	Other social welfare issues (SW11)	This aspect is not applicable to this project activity.	Not Applicable	Not Applicable	Not Applicable	Not Applicable	Not Applicable	Not Applicable	Not Applicable	Not Applicable	Not Applicable
	Avoidance of human trafficking and forced labour (Human rights) (SW12)	This aspect is not applicable to this project activity.	Not Applicable	Not Applicable	Not Applicable	Not Applicable	Not Applicable	Not Applicable	Not Applicable	Not Applicable	Not Applicable

	Avoidance of forced eviction and/or partial physical or economic displacement of IPLCs (Human rights) (CW13)	This aspect is not applicable to this project activity.	Not Applicable	Not Applicable	Not Applicable	Not Applicable	Not Applicable	Not Applicable	Not Applicable	Not Applicable	Not Applicable
	Provisions of resettlement and human settlement displacement (Human rights) (CW14)	This aspect is not applicable to this project activity.	Not Applicable	Not Applicable	Not Applicable	Not Applicable	Not Applicable	Not Applicable	Not Applicable	Not Applicable	Not Applicable

Net Score:	+4
Project Owner's Conclusion in PSF:	The Project Owner confirms that the Project Activity will not cause any net harm to society.
GCC Project Verifier's Opinion:	The GCC Verifier certifies that the Project Activity is not likely to cause any net harm to society

Appendix 7. United Nations Sustainable Development Goals assessment

UN-level SDGs	UN-level Target	Declared Country-level SDG	Defining Project-level SDGs				GCC Project Verifier's Conclusion (To be included in Project Verification Report only)	
			Project-level SDGs	Project-level Targets/Actions	Contribution of Project-level Actions to SDG Targets	Monitoring	Verification Process	Are Goal/ Targets Likely to be Achieved?
Describe UN SDG targets and indicators See: https://unstats.un.org/sdgs/indicators/indicators-list/	Describe the UN-level target(s) and corresponding indicator no(s)	Has the host country declared the SDG to be a national priority? Indicate Yes or No	Define project-level SDGs by suitably modifying and customizing UN/ Country-level SDGs to the project scope or creating a new indicator(s). Refer to previous column for guidance.	Define project-level targets/actions in line with nee project level indicators chosen. Define the target date by which the project Activity is expected to achieve the project-level SDG target(s).	Describe and justify how actions taken under the Project Activity are likely to result in a direct positive effect that contributes to achieving the defined project-level SDG targets	Describe the monitoring approach and the monitoring parameters to be applied for each project-level SDG indicator and its corresponding target, frequency of monitoring and data source	Describe how the GCC Verifier has verified the claims that the project is likely to achieve the identified Project level SDGs target(s).	Describe whether the project-level SDG target(s) is likely to be achieved by the target date (Yes or no)
Goal 1: End poverty in all its forms everywhere	Not Applicable	Not Applicable	Not Applicable	Not Applicable	Not Applicable	Not Applicable	Not Applicable	Not Applicable
Goal 2: End hunger, achieve food security and improved nutrition and promote sustainable agriculture	Not Applicable	Not Applicable	Not Applicable	Not Applicable	Not Applicable	Not Applicable	Not Applicable	
Goal 3. Ensure healthy lives and	Not Applicable	Not Applicable	Not Applicable	Not Applicable	Not Applicable	Not Applicable	Not Applicable	

promote well-being for all at all ages								
Goal 4. Ensure inclusive and equitable quality education and promote lifelong learning opportunities for all	Not Applicable	Not Applicable	Not Applicable	Not Applicable	Not Applicable	Not Applicable	Not Applicable	
Goal 5. Achieve gender equality and empower all women and girls	Target 5.5: Ensure women's full and effective participation and equal opportunities for leadership at all levels of decision making in political, economic and public life. KPIs: Number of women in managerial positions to total number of managerial positions	Yes	Gender equality would be ensured by the project developer and no biasness would be there between men and women	No discrimination against women. Targeted by 21/10/2030.	Social Security Institution Records & HR Records	Number of women employed directly due to the project activity As per company policy, men & women have equal rights and no discriminatio n will be tolerated against women.	Since the continuous operation of the project from 2020, the project activity provided employment (permanent and short term) during the operation and installation of the plant. Further, employment records for both men and women will checked at the project site maintained records.	Yes
Goal 6. Ensure availability and sustainable management of water and sanitation for all	Not Applicable	Not Applicable	Not Applicable	Not Applicable	Not Applicable	Not Applicable	Not Applicable	
Goal 7. Ensure access to affordable, reliable, sustainable,	SDG target 7.2, "By 2030 increase substantially	Yes	Increase the share of renewables in the total installed power capacity	260,452 MWh per year clean energy generation. Targeted by 21/10/2030.	Turkey's energy production mix. It provides	The net electricity which will be supplied to	Contributing clean energy mix of grid.	Yes

and modern energy for all	the share of renewable energy in the global energy mix" by the utilization of wind power as a renewable energy source" Indicator 7.2.1 Renewable energy share in the total final energy consumption. KPI - Amount of renewable energy supplied to grid for consumption.		connected to the national grid.		260,452 MWh annual clean energy to the grid.	the grid by the project activity will be monitored continuously through energy meter (main and check meter) installed at the sub-station. The meters remain under the custody of state utility.		
Goal 8. Promote sustained, inclusive, and sustainable economic growth, full and productive employment and decent work for all	SDG target 8.5 , " By 2030, achieve full and productive employment and descent work for all women and men including for young people and persons with disabilities and equal pay for work of equal value, " Indicator 8.5.1 average hourly earnings of	Yes	Number of employments as a part of project activity	Around 5 numbers of persons will be employed during the crediting period. In addition, training will be conducted for the employees. Targeted by 21/10/2030.	Employment of persons the project activity is likely to in reduction of proportion of unemployment (Indicator 8.5.1)	The total number of persons employed will be assed from the Security Guard Service Invoice . Please refer to Section B.7.1 for monitoring details.	Targeted SDG is likely to be achieved during the entire crediting period.	YES

	female and male employee, by occupation, age and persons with disabilities. KPI - Average earning of females and male employees engaged in the project and segregated by age and persons with disabilities.							
Goal 9. Build resilient infrastructure, promote inclusive and sustainable industrialization and foster innovation	Not Applicable	Not Applicable	Not Applicable	Not Applicable	Not Applicable	Not Applicable	Not Applicable	Not Applicable
Goal 10. Reduce inequality within and among countries	Not Applicable	Not Applicable	Not Applicable	Not Applicable	Not Applicable	Not Applicable	Not Applicable	Not Applicable
Goal 11. Make cities and human settlements inclusive, safe, resilient, and sustainable	Not Applicable	Not Applicable	Not Applicable	Not Applicable	Not Applicable	Not Applicable	Not Applicable	Not Applicable
Goal 12. Ensure sustainable consumption and production patterns	Not Applicable	Not Applicable	Not Applicable	Not Applicable	Not Applicable	Not Applicable	Not Applicable	Not Applicable
Goal 13. Take urgent action to combat	Target SDG Target 13.A: Implement the UN	Yes	Quantum of GHG avoided due to the project activity	The project activity is expected to result in avoidance of 168,981 tCO_2e per annum. Targeted by 21/10/2030.	Project activity results in avoidance of GHG emission	Avoidance of GHG emission is estimated as	Reduction of Greenhouse gases	Yes

climate change and its impacts	Framework Convention on climate change KPI - Amount of emission reduction achieved by project under UNFCCC/ GORD / Domestic market mechanism.				by generation of electricity using renewable energy resources and its supply to the grid, which will avoid generation of equivalent quantum of electricity from fossil fuel-based power plant resulting in emission of CO2.	product of electricity generated and supplied to the grid and grid emission factor. Please refer to Section B.7.1 for monitoring details.		
Goal 14. Conserve and sustainably use the oceans, seas, and marine resources for sustainable development	Not Applicable	Not Applicable	Not Applicable	Not Applicable	Not Applicable	Not Applicable	Not Applicable	Not Applicable
Goal 15. Protect, restore, and promote sustainable use of terrestrial ecosystems, sustainably manage forests, combat desertification, and halt and reverse land degradation and halt biodiversity loss	Not Applicable	Not Applicable	Not Applicable	Not Applicable	Not Applicable	Not Applicable	Not Applicable	Not Applicable
Goal 16. Promote peaceful and inclusive societies for sustainable development, provide access to justice for all and build effective, accountable, and inclusive institutions at all levels	Not Applicable	Not Applicable	Not Applicable	Not Applicable	Not Applicable	Not Applicable	Not Applicable	Not Applicable

Goal 17. Strengthen the means of implementation and revitalize the global partnership for sustainable development	Not Applicable	Not Applicable	Not Applicable	Not Applicable	Not Applicable	Not Applicable	Not Applicable	Not Applicable
SUMMARY					**Targeted**		**Likely to be Achieved**	
Total Number of SDGs					**4**		**4**	
Certification label (Bronze, Silver, Gold, Platinum, or Diamond) for the ACCs as defined in the PSF					**Gold**		**Gold**	

DOCUMENT HISTORY

Version	Date	Comment
V 3.1	31/12/2020	▪ The name of GCC Program's emission units has been changed from "Approved Carbon Reductions" or ACRs to "Approved Carbon Credits" or ACCs.
V 3.0	23/08/2020	▪ Revised version released on approval by the Steering Committee as per the GCC Program Process; ▪ Revised version contains the following changes: o Change of name from Global Carbon Trust (GCT) to Global Carbon Council (GCC); o Considered and addressed comments raised by the Steering Committee: ➢ during physical meeting (SCM 01, dated 29 Oct 2019, Doha Qatar); and ➢ electronic consultations EC01-Round 04 (17.08.2020 – 22.08.2020). ▪ Feedback from the Technical Advisory Board (TAB) of ICAO on GCC submissions for approval under CORSIA[17];
V 2.0	25/06/2019	▪ Revised version released for approval by the GCC Steering Committee. ▪ This version contains details and information to be provided, consequent to the latest worldwide developments (e.g., CORSIA EUC).
v1.0	01/11/2016	▪ Initial version released for approval by the GCC Steering Committee under GCC Program Version 1

[17]See ICAO recommendation for conditional approval of GCC at https://www.icao.int/environmental-protection/CORSIA/Documents/TAB/Excerpt_TAB_Report_Jan_2020_final.pdf

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