GLOBAL CARBON COUNCIL

Driving Climate Actions

Emission Reduction Verification Report

V3.1 - 2020

CONTENTS

COVER PAGE Emission Reduction Verification Report form (ERVR)	
BASIC INFORMATION	
Name of approved GCC Emission Reduction Verifier / Reference No. (also provide weblink of approved GCC Certificate)	Carbon Check (India) Private Limited **Reference No.:** GCCV004/01 **URL:** https://www.globalcarboncouncil.com/wp-content/uploads/2024/02/gcc-verifier-001.pdf
Type of Accreditation	☐ Individual Track[1] ☒ CDM Accreditation ☐ ISO 14065 Accreditation **Name of accrediting entity:** United Nations Framework Convention on Climate Change. **Validity:** 22/03/2024 to 31/05/2029 **URL:** https://cdm.unfccc.int/DOE/list/DOE.html?entityCode=E-0052.
Approved GCC Scopes and GHG Sectoral scopes for Emission Reduction Verification	GCC Scope • Green House Gas (GHG# - ACC) • Environmental No-harm (E+) • Social No-harm (S+) • Sustainable Development Goals (SDG+) GHG Sectoral Scope 1 - Energy Industries (renewable / non-renewable sources)

[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.

Validity of GCC approval of Verifier	12/01/2023 to 11/01/2025
Title of the project activity, Completion date and Version number of the registered PSF to which this report applies	**Title:** 50MW Wind Power Project in Rojmal Gujarat **Completion date of PSF:** 22/03/2024 **Version number of PSF:** 10
GCC Project Registration Number	S00486
Monitoring Period	31/03/2016 to 31/12/2020 (Both days inclusive)
Title, Completion date and Version number of the Project Monitoring Report to which this report applies	**Title:** 50MW Wind Power Project in Rojmal Gujarat **Completion date:** 27/08/2024 **Version No.:** 06
Project Type[2] as per the registered PSF (Tick applicable project type)	☒ **Type A:** ☐ Type A1 ☒ Type A2 ☐ **Type B – De-registered CDM Projects:** ☐ Type B1 ☐ Type[3] B2

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

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

Name of Entity requesting verification service (can be Project Owners themselves or any Entity having authorization of Project Owners)	Tata Power Renewable Energy Limited
Contact details of the representative of the Entity, requesting verification service (Focal Point assigned for all communications)	Sivanarayana Venkat Gavadhakatla Email and Phone Number: sivanarayana@tatapower.com 022 6717 1912 Tata Power Renewable Energy Limited Corporate Centre B, 34 Sant Tukaram Road, Carnac Bunder, Mumbai Maharashtra, India-400 009
Country where project is located	India

GPS coordinates of the Project site(s)

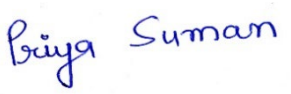
S. No	Location No.	Village	Latitude-N (DMS)	Longitude-E (DMS)	Latitude-N (Decimal)	Longitude-E (Decimal)
1	RJ7T10	Bhadali	22° 0' 49.66"	71°27'26.78"	22.0137	71.4574
2	RJ7T11	Bhadali	22° 1' 19.11"	71°27'13.42"	22.0219	71.4537
3	RJ7T29	Ankadia	22° 4' 52.3"	71°26'48.94"	22.0811	71.4469
4	RJ7T30	Vanala	22°4'32.8"	71°26'57.5"	22.0757	71.4493
5	RJ7T31	Vanala	22° 4' 16.08"	71° 27' 3.59"	22.0711	71.4509
6	RJ7T32	Vanala	22°4'20.7"	71°27'44.3"	22.0724	71.4623
7	RJ7T35	Ankadia	22°5'3.1"	71°27'22.9"	22.0842	71.4563
8	RJ7T36	Vanala	22° 4' 9.82"	71°27'50.27"	22.0693	71.4639
9	RJ7T94	Devdhari	22°7'2.1"	71°29'33.9"	22.1172	71.4927
10	RJ7T95	Devdhari	22°6'57.6"	71°29'55.9"	22.1160	71.4988
11	RJ7T96	Devdhari	22°7'1.6"	71°30'18.1"	22.1171	71.5050
12	RJ8T182	Som pipaliya	22° 4' 7.33"	71° 21' 1.15"	22.0687	71.3503
13	RJ8T186	Som pipaliya	22°4'47"	71°20'41.9"	22.0797	71.3449

	14	RJ8T65	Khambhalia	21°57'18.66"	71° 23' 46.5"	21.9551	71.3962
	15	RJAT20	Sukhpur	21°58'53.2"	71°19'44.5"	21.9814	71.3290
	16	RJPT004	Kansloliya	21°59'46.2"	71°21'30.1"	21.9961	71.3583
	17	RJPT005	Gadhala	21°59'58.96"	71°24'12.32"	21.9997	71.4034
	18	RJPT007	Gadhala	21°59'33.4"	71°23'29.7"	21.9926	71.3915
	19	RJPT123	Nilavada	21°54'49.05"	71°18'12.95"	21.9136	71.3035
	20	RJPT131	Kariyana	21°53'14.9"	71°22'40.8"	21.8875	71.3780
	21	RJPT132	Kariyana	21°52'55.57"	71°22'34.58"	21.8821	71.3762
	22	RJPT135	Jam barvala	21°52'33.5"	71°25'5.8"	21.8759	71.4182
	23	RJPT139	Dared	21°50'53.8"	71°23'45.4"	21.8482	71.3959
	24	RJPT145	Khambhalia	21°57'6.8"	71°22'24"	21.9519	71.3733
	25	RJPT146	Khambhalia	21°57'19.76"	71°22'20.09"	21.9554	71.3722
Applied methodologies (approved methodologies of GCC or CDM can be used)	ACM0002 Grid-connected electricity generation from renewable sources (version 20.0)						
GHG Sectoral scopes linked to the applied methodologies	Scope 1 - energy industries (renewable / non-renewable sources)						
Verification Criteria: Mandatory requirements to be assessed	☒ ISO 14064-2, ISO14064-3 ☒ GCC Rules and Requirements ☒ Applicable Approved Methodology/ies ☒ Registered PSF ☒ GCC Emission Reduction Verification Report ☒ Project Monitoring Report						

Verification Criteria: Optional requirements to be assessed	☐ CDM Registered PDD (for type B projects only) ☐ CDM Verification Reports (for type B projects only) ☒ 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
Emission Reduction Verifier Confirmation: The *GCC Emission Reduction Verifier,* for the chosen monitoring period, has verified the GCC project activity and therefore confirms the following:	The GCC Emission Reduction Verifier, Carbon Check (India) Pvt Ltd., certifies the following with respect to the registered GCC Project Activity **"50MW Wind Power Project in Rojmal Gujarat"**, with registration number S00486, for the chosen monitoring period from 31/03/2016 to 31/12/2020: ☒ The Project Owner has implemented the Project Activity as indicated in the registered Project Submission Form (version 10, dated 22/03/2024) and as reported in the Project Monitoring Report (version 06, dated 27/08/2024). ☒ The Project Activity has resulted in GHG emission reductions totalling 291,794.00 tCO_2e which are additional to the reductions that would have occurred in absence of the Project Activity and is in compliance with all applicable GCC rules, including ISO 14064-2 and ISO 14064-3. ☒ The Project Activity has not caused any net harm to the environment and/or society and is in compliance with the Environmental and Social Safeguards Standard, and therefore achieves the following labels: ☒ Environmental No-net-harm Label (**E⁺**) ☒ Social No-net-harm Label (**S⁺**) ☒ The Project Activity has made contributions to achieving a total of 03 of the United Nations Sustainable Development Goals (SDGs) and is in compliance with the Project Sustainability Standard, and has contributed to achieving a total of 03 SDGs, (SDG 7, 8,13) with the following[4] SDG certification label (**SDG⁺**): ☐ Bronze SDG Label ☒ Silver SDG Label ☐ Gold SDG Label ☐ Platinum SDG Label ☐ Diamond SDG Label ☒ The Project Activity complies with all the applicable GCC rules[5] and therefore recommends GCC Program to issue 291,794 tCO_2e Approved Carbon Credits

[4] 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.

[5] "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

	(**ACCs**) with above mentioned labels viz., Social No-net-harm Label (S+) and silver SDG Label (SDG+)
Emission Reduction Verification Report, reference number and date of approval	Reference No: CCIPL2299/GCC/VER/WPPIG/20240524 Version No: 02 Date: 30/08/2024
Name of the authorised personnel of GCC Emission Reduction Verifier and their signature with date	 Priya Suman, Compliance Officer 30/08/2024

1. EMISSION REDUCTION VERIFICATION REPORT

Section A. Executive summary

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Tata Power Renewable Energy Limited has appointed the GCC verifier, Carbon Check (India) Private Limited (CCIPL) to perform First (1st) periodic Emission Reduction Verification (ERV) of the registered GCC Project Activity "50MW Wind Power Project in Rojmal Gujarat" in India (registration no.: S00486). The project consists of 25 wind turbines with a total installed capacity of 50 MW. The project activity involves the installation of 50 MW Wind Power Plant (WPP) in Amreli, Botad and Rajkot in Gujarat. The project generates electricity from renewable source of energy (wind) and generated electricity is supplied to Gujarat Urja Vikas Nigam Limited-GUVNL. This will reduce and replace the equivalent amount electricity generated from the carbon intensive power plants in the Indian national grid thus helps in reducing the GHG emissions.

This report summarizes the findings of the emission reduction verification of the project, performed on the basis of GCC Procedures, as well as criteria given to provide for consistent project operations, monitoring and reporting and the subsequent decisions by the GCC Steering Committee. ERV is required for all registered GCC project activities intending to confirm their achieved GHG emission reductions and proceed with request for issuance of Approved Carbon Credits (ACCs). This report contains the findings and resolutions from the emission reduction verification (ERV) and a certification statement for the approved carbon credits (ACC's).

Objective:

Emission reduction verification is the periodic independent review and ex-post determination of both quantitative and qualitative information by a GCC verifier of the monitored reductions in GHG emissions that have occurred as a result of the registered GCC project activity during a defined monitoring period.

Certification is the written assurance by a GCC verifier that, during a specific period in time, a project activity achieved the emission reductions as verified.

The objective of this emission reduction verification was to verify and certify ACCs reported for the project activity for the period 31/03/2016 to 31/12/2020.

The purpose of emission reduction verification is to review the monitoring results and verify that the monitoring methodology was implemented according to the monitoring plan and monitoring data and used to confirm the reductions in anthropogenic emissions by sources, is sufficient, definitive and presented in a concise and transparent manner. CCIPL's objective is to perform a thorough, independent assessment of the registered GCC project activity.

In particular, the monitoring plan, monitoring report and the project's compliance with relevant GCC and host Party criteria are verified in order to confirm that the project activity has been implemented in accordance with the registered project documents, including the Project Submission Form /B07/, Project Monitoring Report Form /01/, and other submitted documents and conservative assumptions, as documented. It is also confirmed if the monitoring plan is in compliance with the registered Project Submission Form and the approved monitoring methodology /B01/.

Scope:

The scope of the Emission Reduction Verification (ERV) is:

- To verify the project implementation and operation with respect to the registered PSF /B07/.
- To verify the implemented monitoring plan with the registered PSF /B07/ and applied baseline and monitoring methodology /B01/.
- To verify that the actual monitoring systems and procedures are in compliance with the monitoring systems and procedures described in the monitoring plan of the registered PSF /B07/.
- To evaluate the GHG emission reduction data and express a conclusion with a reasonable level of assurance about whether the reported GHG emission reduction data is free from material misstatement.
- To verify that reported GHG emission data is sufficiently supported by evidence.
- To assess whether project activity meets the goals as defined in approved PSF /B07/ towards achieving Environmental Safeguards Label (E+)

Emission Reduction Verification Report

- To assess whether project activity meets the goals as defined in approved PSF /B07/ towards achieving Social Safeguard Label (S+)
- To assess whether the project activity meets the targets as defined in approved PSF /B07/ towards achieving Sustainable Development Goals (SDG) Labels (SDG+)
- To assess whether the project activity meets the eligibility requirements for the Emission Unit Criteria of CORSIA and be eligible for CORSIA label (C+).

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

The emission reduction verification comprises a review of the project monitoring report (PMR) /01/ over the monitoring period from 31/03/2016 to 31/12/2020 and based on the registered PSF /B07/ in part of the monitoring parameters and monitoring plan, emission reduction calculation spreadsheet, monitoring methodology and all related evidence provided by project owner. On-site inspections by CCIPL were also performed as part of the ERV process.

Five (05) Clarification Requests (CLs) and four (04) Corrective Action Requests (CARs) were raised during this emission reduction verification and closed successfully. One (01) Forward Action Requests (FARs) have been raised during Emission reduction verification, and the same has been addressed. Please refer to Appendix 4 for further details.

The project activity was correctly implemented according to selected monitoring methodology, monitoring plan and the registered PSF /B07/. The monitoring system was installed, maintained in a proper manner, while collected monitoring data allowed for the emission reduction verification of the amount of achieved GHG emission reductions. Through the review, the emission reduction verification team (ERVT) confirms that the project activity has resulted in the 291,794.00 tCO_2e of GHG emission reduction during the first (1st) monitoring period.

CCIPL as a GCC Verifier is able to issue a positive emission reduction verification opinion expressed in the attached Certification statement.

Section B. Emission Reduction Verification team

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B.1. Emission Reduction Verification team member

No.	Role	Type of resource	Last name	First name	Affiliation (e.g. name of central or other office of GCC Emission Reduction Verifier or outsourced entity)	Involvement in			
						Desk/document review	On-site inspection	Interviews	Emission Reduction Verification findings
1.	Team Leader / Technical Expert	IR	T A	Stefimol T A	CCIPL	X	X	X	X

B.2. Technical reviewer and approver of the Emission Reduction Verification report

No.	Role	Type of resource	Last name	First name	Affiliation (e.g. name of central or other office of GCC Emission Reduction Verifier or outsourced entity)
1.	Technical reviewer	ER	Seshan	Ranganathan	CCIPL
2.	Approver	IR	Suman	Priya	CCIPL

Section C. Application of materiality

C.1. Consideration of materiality in planning the verification

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No.	Risk that could lead to material errors, omissions or misstatements	Assessment of the risk		Response to the risk in the verification plan and/or sampling plan
		Risk level	Justification	
1.	Human Error: Recording and reporting of the information in the ER spreadsheet.	High	According to the monitoring plan and the Monitoring Report, there are QA/QC procedures applied for monitoring parameters and data management/ information flow. Calculation spread sheets are used to determine the emissions reductions.	Verification team of CCIPL has focused its assessment on the following: • Procedure of raw data collection/ Monitoringprocedures. • Data & information flow with a special focus on any material mistake • Calculation spreadsheets. • Procedures/QA/QC established to detect and correct any error oromission in monitoringparameters. • Quality control for monitored parameters and metering systems. Complete verification (100 % data) of all the monitoring records (measurement records, invoices and the calibration certificates) has been done by the verification team and compared with the values. indicated in the emission reduction spread sheet. No risk identified.
2.	Information System: Use of spreadsheets without adequate controls related to data changes/updates, version tracking, traceability, security.	Low	Lack of knowledge, difficulties of technology, functional problem, and managerial issues	Proper training and knowledge on technology, issues and problems has been given.
3.	Accuracy of the measuring equipment	High	Data collected through calibrated meters and automated system	The risk has been mitigated by reviewing the calibration

				certificates of the electricity meters.
4.	Calculation Methods: Applied formulae Miscalculation errors in spread- sheet calculation	Medi um	Risk due to miscalculation of applied formulas.	Registered GCC PSF, applied methodologies/ tools, monitoring report and ER spreadsheet.
5.	Data collection, Transposition and aggregation/ Data and Information Flow: Wrong data transfer from raw data aggregated reporting forms in both logbooks and electronic formats, lab analysis data, spread sheet programming, Manual data transmission, Data protection Responsibilities, Data transfer to the author of the monitoring report, Data transfer to the monitoring report, Unintended use of outdated versions of monitoring report as per the template prescribed by GCC.	High	Unintended usage of old/obsolete data, Incomplete documentation, Ex-post corrections of records, Ambiguous sources of information, non-application of management procedures, mistakes during manual data transfer, Unintended change of spread sheet programming or data base entries, Problems caused by updating/upgrading or change of applied software	Cross checked between raw data sheet and ER sheet/ Monitoring report

C.2. Consideration of materiality in conducting the verification

Paragraph 46 of GCC Verification Standard (version 03.1) /B02-2/, states that materiality thresholds stipulated for the CDM shall be applicable. The threshold of materiality was evaluated based on “Guideline: Application of materiality in verifications” (version 02.0) /B04/ and paragraph 326 (c) of CDM Validation and Verification Standard for project activities (version 03.0)/B03/. It was concluded that the materiality threshold applicable to the project activity based on actual GHG emission reductions achieved is 2% of 291,794.00 tCO_2e which is equal to 5835.88 tCO_2e.

In planning of the emission reduction verification, ERVT took cognizance of paragraph 11 and 12 of the “Guideline: Application of materiality in verifications” (Version 02.0) /B04/ and a materiality threshold of 5835.88 tCO_2e is determined for the current emission reduction verification of the project activity in line with paragraph 326 (c) of CDM Validation and Verification Standard for project activities (version 03.0) /B03/.

In line with Guidelines for Application of materiality in verifications /B04/, a reasonable level of assurance is defined for the emission reduction verification of the project by complete check of all the monitoring records was done by the ERVT and compared with the values indicated in the emission reduction spread sheet /02/.

Some inconsistencies and mistakes were identified and subsequently findings are raised and closed. These findings are detailed in Appendix 4. Therefore, related identified mistakes as listed in findings in Appendix 4 to this report have been determined to be immaterial. And thus it is confirmed that there are no material errors, omissions or misstatements and a reasonable level of assurance is established.

Section D. Means of Verification

D.1. Desk/document review

The emission reduction verification was performed based on the review of the Project Monitoring Report (PMR) /01/ and the supporting documentation. This process included review of data and information presented to verify their completeness and review of the monitoring plan and monitoring methodology /B01/.

Documents reviewed or referenced during the emission reduction verification are listed in Appendix 3.

D.2. On-site inspection

Duration of on-site inspection: 27/06/2024				
No.	**Activity performed on-site**	**Site location**	**Date**	**Team member**
1.	Discussion and review of: • Implementation and operation of the registered project activity as per the registered PSF. • Information flows for generating, aggregating, and reporting the monitoring parameters. • Operational and data collection procedures are implemented in accordance with the monitoring plan in the PSF. • Information provided in the monitoring report and data from other sources such as plant logbooks, inventories, purchase records or similar data sources • Monitoring equipment including calibration performance and observations of monitoring practices against the requirements of the PSF and the selected methodology and corresponding TOOLs. • Calculations and assumptions made in determining the GHG data and emission reductions. • Quality control and quality assurance procedures in place to prevent or identify and correct any errors or omissions in the reported monitoring parameters. • Environmental Safeguards Standard and do-no-harm criteria (E+). • Social Safeguards Standard do-no-harm criteria (S+). • Projects contribution to United Nations Sustainable Development Goals. • Project activity fulfils the eligibility requirement for the Emission Unit Criteria of CORSIA and qualify for CORSIA label (C+).	Amreli, Botad and Rajkot, Gujarat	27/06/2024	Stefimol T A

D.3. Interviews

No.	Interview			Date	Subject	Team member
	Last name	First name	Affiliation			
1.	Kumar	Naveen	Kosher	27/06/2024	• Project Description, Technical specification and Operation • Carbon Credits calculation and completeness of monitoring report. • Q/A and Q/C procedure • Calculation of ER. • Compliance of monitoring plan with monitoring methodology and PSF. • Calibration requirements • Contribution of project activity towards environmental safeguards (E+) • Contribution of project activity towards social safeguards (S+) • Contribution of project activity towards Sustainable Development Goals (SDG+).	Stefimol T A
2.	Patil	Saylee	TPREL			
3.	Tiwari	Prashant	TPREL			
4.	Bhatt	Harshit	Site Manager			
5.	Nayak	Subhakanta	Assistant manager			
6.	Mavji	Jadav	Local villager		• Date of Employment • Role in the WPP • Trainings attended. • Safety Procedures • Emergency Procedures • Mode of invitation • Comments of LSC • Feedback mechanism • Advantages and Disadvantages of the project, E+ and S+ status, SDG status	
7.	Jadav	Dumudiyu	Local villager			
8.	Visari	Gosoiya	Local villager			

D.4. Sampling approach

No Sampling Approach has been applied.

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

Areas of Emission Reduction Verification findings	Applicable to Project Types	No. of CL	No. of CAR	No. of FAR
Green House Gas (GHG)				
Compliance of the project monitoring report with the monitoring report form and instructions for filling monitoring report form	A_1, A_2, B_1, B_2		CAR02	
Remaining forward action requests from Project Verification and/or previous Emission Reduction verifications	A_1, A_2, B_1, B_2			
Compliance of the project implementation and operation with the registered PSF	A_1, A_2, B_1, B_2	CL02		
Compliance of the registered project monitoring plan with the methodologies including applicable tools and standardized baselines	A_1, A_2, B_1, B_2	CL01	CAR01 CAR04	
Compliance of monitoring activities with the registered monitoring plan in PSF	A_1, A_2, B_1, B_2			
Compliance with the calibration frequency requirements for measuring instruments	A_1, A_2, B_1, B_2			
Assessment of data and calculation of emission reductions or net removals	A_1, A_2, B_1, B_2			
Others (please specify)	A_1, A_2, B_1, B_2			
VOLUNTARY CERTIFICATION LABELS				
Assessment of reported Environmental Safeguards (E^+)	A_1, A_2, B_1	CL03	CAR03	
Assessment of reported Social Safeguards (S^+)	A_1, A_2, B_1	CL04		
Assessment of reported Sustainable development Goals (SDG^+)	A_1, A_2, B_1	CL05		
Assessment of reported Authorization on Double Counting from Host Country (only for CORSIA)	A_1, A_2, B_1			01
Assessment of reported CORSIA Eligibility (C^+)	A_1, A_2, B_1			
Total	09	05	04	01

Section E. Emission Reduction Verification findings

E.1. Compliance of the project monitoring report with the monitoring report form and instructions for filling monitoring report form

Means of Verification	Desk Review and Interview
Findings	CAR 02 was raised and findings are closed. Please refer to Appendix 4 for further details.
Conclusion	Project Owner (PO) has submitted (version 06, dated 27/08/2024) of the Project Monitoring Report /01/, covering the monitoring period from 31/03/2016 to 31/12/2020 (both days inclusive) to GCC Verifier for emission reduction verification. The PMR /01/ uses the latest form available at GCC website. The PMR /01/ is complete and meets all requirements of the Instructions for filling out the PMR form (version 01.0) /B09/ and GCC Project Standard (version 03.1) /B02-1/ and GCC verification standard (version 03.1) /B02-2/

E.2. Remaining forward action requests from Project Verification and/or previous Emission Reduction verifications

Means of Verification	Desk Review and Interview
Findings	Please refer to Appendix 4 for further details.

Conclusion	During the next periodic emission reduction verification, the GCC verifier shall assess that for any credits issued for monitoring period after 1st January 2021 will require to obtain Host Country Authorization (HCA) on Double Counting to be eligible for CORSIA (C+) labelling. FAR 01 were raised during project verification stage in this regard. In line with section 1 (3) of PMR filling guidelines V01, authorization on Double Counting/Claiming from Host Country (for CORSIA) is not required if ACCs are requested to be issued for monitoring period ending on or prior to 31 December 2020 and this is not a requirement for C+ Label. The current monitoring period ends on 31/12/2020, hence this authorization is required for the succeeding periodic ER verification, which will be verified by the next GCC ER verifier.

E.3. Compliance of the project implementation and operation with the registered PSF

Means of Verification	Desk Review and Interview
Findings	CL 02 was raised and the same has been closed. Please refer to Appendix 4 for further details.
Conclusion	CCIPL by means of an on-site inspection, interview with representatives of project owner and document review, assessed that all the features (technology, project equipment and monitoring) of the registered PSF /B07/ are in place and that the project owner has operated the project as per the registered PSF /B07/. Tata Power Renewable Energy Limited is the project developer and legal owner of project facilities. The ERVT has reviewed the Commissioning certificate/03/, electricity generation records /04/, /05/. The implemented project activity's physical features viz., MW capacity, make, model and its operation, connected sub-station, monitoring and metering equipment, location, grid connectivity are as per the registered PSF /B07/ thus comply with requirement of GCC project standard (v3.1) /B02-1/ and GCC verification standard (v3.1) /B02- 2/. The project activity constitutes of 25 wind turbines of 2 MW (25 x 2 MW) capacity with a total installed capacity of 50 MW. The generation voltage is 690 V, which is step upped to 33 kV before its transmission to the PSS/06/. The power generated by the WTGs (Wind Turbine Generators) is fed to the national grid via transmission line of 154kV Bergama – Edremit (BRS.N) substation which is located 1 km from the project site. The metering system are installed through 220kV connection line at 33/220kV Sukhpur Substation /06/. A SCADA system is installed at the project site, which during the on-site inspection /06/was found to be operational and centrally monitor the real time generation data for all the WTGs. This generation data is not used for the project emission reduction calculation, which is a conservative approach. Furthermore, the joint meter reading is done physically and the JMR report is signed by both the parties. Generation data is recorded by two metering devices (main and back-up meter) continuously. The quantity of electricity supplied by the project plant/unit to the grid and the quantity of electricity delivered to the project plant/unit from the grid are measured. GUVNL records has been taken in consideration while calculating net electricity generation and also used for emission reduction calculation. The net electricity generated and exported by the project activity is monitored by online monthly records of electricity generated and exported by the project activity provided by GUVNL records /04/ and cross checked with the site records (joint meter reading report between the PO and GUVNL, which is undertaken on monthly basis). The net electricity generated is considered after reducing transmission losses. The operational lifetime of the wind turbines is 25 years as per the technical specifications/22/.

The project activity is located in Amreli, Botad and Rajkot District ,Gujarat State in India. The location and coordinates of the WTGs and projects site was checked during the OSV/06/.

The salient features of the project activity viz., capacity, location (coordinates in decimal degrees) and date of commissioning are provided in the below table:

S. No	Location No.	Village	Latitude-N (DMS)	Longitude-E (DMS)	Latitude-N (Decimal)	Longitude-E (Decimal)
1	RJ7T10	Bhadali	22° 0' 49.66"	71°27'26.78"	22.0137	71.4574
2	RJ7T11	Bhadali	22° 1' 19.11"	71°27'13.42"	22.0219	71.4537
3	RJ7T29	Ankadia	22° 4' 52.3"	71°26'48.94"	22.0811	71.4469
4	RJ7T30	Vanala	22°4'32.8"	71°26'57.5"	22.0757	71.4493
5	RJ7T31	Vanala	22° 4' 16.08"	71° 27' 3.59"	22.0711	71.4509
6	RJ7T32	Vanala	22°4'20.7"	71°27'44.3"	22.0724	71.4623
7	RJ7T35	Ankadia	22°5'3.1"	71°27'22.9"	22.0842	71.4563
8	RJ7T36	Vanala	22° 4' 9.82"	71°27'50.27"	22.0693	71.4639
9	RJ7T94	Devdhari	22°7'2.1"	71°29'33.9"	22.1172	71.4927
10	RJ7T95	Devdhari	22°6'57.6"	71°29'55.9"	22.1160	71.4988
11	RJ7T96	Devdhari	22°7'1.6"	71°30'18.1"	22.1171	71.5050
12	RJ8T182	Som pipaliya	22° 4' 7.33"	71° 21' 1.15"	22.0687	71.3503
13	RJ8T186	Som pipaliya	22°4'47"	71°20'41.9"	22.0797	71.3449
14	RJ8T65	Khambhala	21°57'18.66"	71° 23' 46.5"	21.9551	71.3962
15	RJAT20	Sukhpur	21°58'53.2"	71°19'44.5"	21.9814	71.3290
16	RJPT004	Kansloliya	21°59'46.2"	71°21'30.1"	21.9961	71.3583
17	RJPT005	Gadhala	21°59'58.96"	71°24'12.32"	21.9997	71.4034
18	RJPT007	Gadhala	21°59'33.4"	71°23'29.7"	21.9926	71.3915
19	RJPT123	Nilavada	21°54'49.05"	71°18'12.95"	21.9136	71.3035
20	RJPT131	Kariyana	21°53'14.9"	71°22'40.8"	21.8875	71.3780
21	RJPT132	Kariyana	21°52'55.57"	71°22'34.58"	21.8821	71.3762
22	RJPT135	Jam barvala	21°52'33.5"	71°25'5.8"	21.8759	71.4182
23	RJPT139	Dared	21°50'53.8"	71°23'45.4"	21.8482	71.3959
24	RJPT145	Khambhala	21°57'6.8"	71°22'24"	21.9519	71.3733
25	RJPT146	Khambhala	21°57'19.76"	71°22'20.09"	21.9554	71.3722

The electricity generated by the project replaces grid electricity generated from fossil fuels and reduce GHG emissions for the duration of the project. During the reported monitoring period, the project has supplied 313,588 MWh /04/, /05/ of electricity to

	the grid and the same has been monitored by calibrated bi-directional electricity meters /07/. The start date of the crediting period is 31/03/2016. The project activity has opted for a fixed crediting period of ten (10) years i.e., 31/03/2016 to 30/03/2026. The start date of project activity is 31/03/2016 and the same has been confirmed from commissioning certificates /03/ and Registered PSF /B07/. CCIPL's ERVT considers the project description to be complete and accurate. During the monitoring period there were no complaints or grievances or demands from the project by local stakeholders observed by ERVT. The same was confirmed through the onsite visit interview conducted/06/. The project has been implemented as described in the registered PSF /B07/ as well as in section B.1 of the PMR /01/. No deviations thereof have been identified during the course of this emission reduction verification. The ERVT took confirms: • The implementation status and equipment installation of the Project are consistent with the registered PSF /B07/ • The actual operation of the Project is as per the registered PSF /B07/ • Information (data and variables) provided in the monitoring report is in accordance with that stated in the registered PSF /B07/. The same is in compliance with the requirements of GCC Project Standard (version 03.1) /B02-1/ and GCC verification standard (version 03.1) /B02-2/.

E.4. Compliance of the registered project monitoring plan with applied methodologies, applied standardized baselines, and other applied methodological regulatory documents

Means of Verification	Desk Review and Interview
Findings	CAR 01 and CAR 04 were raised and closed. Please refer to Appendix 4 for further details.
Conclusion	The ERVT has checked the actual monitoring plan against the registered PSF /B07/, registered monitoring plan, monitoring methodology /B01/ and applicable tools /B05/, /B06/. Furthermore, the ERVT has checked monitoring system during the onsite inspection by means of comparison with the information given in the monitoring plan and monitoring methodology /B01/. The monitoring plan is completely in accordance with the approved methodology /B01/ applied by the registered PSF /B07/. All the ex-post monitoring parameters and their corresponding monitoring approach have been discussed in the monitoring plan in the registered PSF /B07/ and QA/QC procedure has been stipulated. The ERVT confirms that the monitoring plan complies with the applied methodology /B01/ and the monitoring system and all applied procedures are completely in compliance to the latest approved monitoring plan and the methodology ACM0002 (version 20.0) /B01/. The same is in compliance with the requirements of GCC Project Standard (version 03.1) /B02-1/ and GCC verification standard (version 03.1) /B02-2/.

E.5. Compliance of monitoring activities with the registered monitoring plan in PSF

E.5.1 Data and parameters fixed ex ante

Means of Verification	Desk Review and Interview
Findings	Please refer to Appendix 4 for further details.
Conclusion	The verification team's assessment of each data and parameter fixed ex-ante is provided below:

Parameter	Value	Unit	Source	Assessment
$EF_{grid,OM,y}$ Operating Margin CO_2 emission factor in year y of Indian Grid.	0.9522 Refer to the values provided in Data / Parameter table 1 in section D.1 of PMR /01-f/.	tCO_2/MWh	Calculated in line with "Tool to calculate the emission factor for an electricity system" using data from Central Electricity Authority of India's (CEA) "Baseline Carbon Dioxide Emission Database Version 17.0".	The value is consistent with registered PSF /B07/ and fixed ex-ante for the duration of the crediting period.
$EF_{grid,BM,y}$ Build Margin CO_2 emission factor in year y of Indian Grid	0.8653 Refer to the values provided in Data / Parameter table 1 in section D.1 of PMR /01-f/.	tCO_2/MWh	Calculated in line with "Tool to calculate the emission factor for an electricity system" using data from Central Electricity Authority of India's (CEA) "Baseline Carbon Dioxide Emission Database Version 17.0".	The value is consistent with registered PSF /B07/ and fixed ex-ante for the duration of the crediting period.
$EF_{grid,CM,y}$ Combined Margin CO_2 emission factor in year y of Indian Grid	0.9305 Refer to the values provided in Data / Parameter table 1 in section D.1 of PMR /01-f/.	tCO_2/MWh	Calculated from CEA database, Version 17.0, October 2021, The date has been considered in accordance to the Tool to calculate emission factor of an electricity system. The tool guides to take 75% weightage of $EF_{grid,OM,y}$ & 25% weightage of $EF_{grid,BM,y}$.	The value is consistent with registered PSF /B07/ and fixed ex-ante for the duration of the crediting period.

	The value is consistent with the registered PSF /B07/ and defined fixed ex-ante for the duration of the crediting period of the project activity. The fixed ex-ante data and parameter has been listed in the monitoring report and confirmed by the ERVT as correct and consistent with that stated in the registered PSF /B07/. The same is in compliance with the requirements of GCC Project Standard (version 03.1) /B02-1/ and GCC verification standard (version 03.1) /B02-2/.

E.5.2 Data and parameters monitored

Means of Verification	Desk Review and Interview
Findings	Please refer to Appendix 4 for further details.
Conclusion	All relevant monitoring parameters (as listed in section B.7.1 of the registered PSF /B07/ and D.2 of the PMR /01-f/) have been verified regarding the appropriateness of the applied measurement / determination method, the correctness of the values applied for ER calculation, the accuracy, and applied QA/QC measures.

Parameter	Value	Unit	Source	Assessment
$EG_{facility,y}$ (Quantity of net electricity generation supplied by the project (Wind) plant/unit to the grid in year y)	313,588.00	MWh /Year	Certificate for share of electricity by wind farm at 220KV Sukhpur (INOX) by GETCO State Load Dispatch Centre	The value for the parameter has been verified through review of meter reading records, monthly invoices /04/, and the same has been cross verified from electricity share certificate /05/. This parameter is used to calculate baseline emission value which is the contribution to the SDG 7.
CO_2 emissions (Quantity of GHG emission reductions due to the implementation of project activity) (EA03)	291,794.00	tCO_2e	The CO_2 emissions are calculated based on the Net electricity generation supplied by the project activity to	The value for the parameter has been verified through review of ER spreadsheet /02/.

				the grid in year y ($EG_{facility,y}$)	The value for net electricity generated and delivered to the grid by the power plant has been verified through review meter reading records, monthly invoices /04/, electricity share certificate /05/. The value for grid emission factor (OM, BM and CM) is fixed ex-ante and has been verified through review of registered PSF /B07/ and corresponding project emission reduction verification report /B08/. This parameter is used for the contribution of the SDG 13 parameter.
	Replacing fossil fuels with renewable sources of energy (ENR07)	313,588.00	MWh	Certificate for share of electricity by wind farm at 220KV Sukhpur (INOX) by GETCO State Load Dispatch Centre	The value for the parameter has been verified through review of meter reading records, monthly

<table>
<tr><td></td><td></td><td></td><td></td><td></td><td>invoices /04/, electricity share certificate /05/. This parameter is used to calculate baseline emission value which is the contribution to the SDG 7.</td></tr>
<tr><td></td><td>Long-term jobs (> 10 year) created (SJ01)-</td><td><table>
<tr><th>Year</th><th>Number of permanent employees</th><th>Number of temporary employees</th></tr>
<tr><td>2016</td><td>1</td><td>6</td></tr>
<tr><td>2017</td><td>3</td><td>6</td></tr>
<tr><td>2018</td><td>3</td><td>6</td></tr>
<tr><td>2019</td><td>4</td><td>6</td></tr>
<tr><td>2020</td><td>5</td><td>6</td></tr>
</table></td><td>Number of employment opportunities</td><td>The employment records for the number of long-term employees every year</td><td>The value for the parameter has been verified through review of employment records /08/ and cross verified with interviews with the relevant personnel /06/. This parameter is used for the contribution of the SDG 8 parameter. Hence, the ERVT confirms that the project makes positive impact on the parameter.</td></tr>
<tr><td></td><td>Job related training imparted or not (SE01)</td><td><table>
<tr><th>Year</th><th>Number of Trainings provided at the site</th></tr>
<tr><td>2016</td><td>5</td></tr>
<tr><td>2017</td><td>5</td></tr>
<tr><td>2018</td><td>4</td></tr>
<tr><td>2019</td><td>5</td></tr>
</table></td><td>Technical and non-technical trainin</td><td>The training records provided every year</td><td>The value of the parameter has been verified through the review of training records /09/ and interviews with the relevant</td></tr>
</table>

		2020 | 8 **TOTAL | 27**	gs provided as per the training needs		personnel /06/. The trainings provided to all the employees by legal PO in each season of the year covering their related topics for each employees are verified by ER verification team through training attendance sheets/09/. This parameter is used for the contribution of the SDG 8 parameter.
	Community and rural welfare (SW02)	**Year** | **Implemented activities** 2016 | - 2017 | Installation of RO water purifier at School 2018 | Organization of medical camp at Khambhala, Sukhpar and Ambardi villages 2019 | Tree plantation drive at Sukhpar village 2020 | Mask distribution during COVID-19	Number of community development activities	Photographs and media events	The value of the parameter has been verified through the review of Photographs and media events /10/ and crosschecked from interviews with the relevant personnel /06/.
	Women's empowerment (SW06)	**0**	Number of women employees	Women employment Records	The value for the parameter has been verified through review of employment records /08/ and interviews

<table>
<tr><td></td><td></td><td></td><td></td><td></td><td>with the relevant personnel /06/. Hence, the ERVT confirms that the project makes positive impact on the parameter.</td></tr>
<tr><td></td><td>Noise Pollution (EA09)</td><td><table>
<tr><th>Year</th><th colspan="2">Noise level records (dB)</th></tr>
<tr><td></td><td>Minimum Value</td><td>Maximum Value</td></tr>
<tr><td>2016</td><td>20</td><td>29</td></tr>
<tr><td>2017</td><td>20</td><td>29</td></tr>
<tr><td>2018</td><td>20</td><td>29</td></tr>
<tr><td>2019</td><td>20</td><td>29</td></tr>
<tr><td>2020</td><td>20</td><td>29</td></tr>
</table></td><td>dB</td><td>Noise monitoring records</td><td>The value for the parameter has been verified through noise monitoring records /11/ and interviews with the local villagers personnel/06/ (Refer section D.2 of this report). During interview with plant operational and maintenance staff ERVT was understood that the legal PO has carried out regular noise monitoring/ 11/at project boundary and nearest/approaching village areas to WPP by using internal noise measuring equipment. Noise</td></tr>
</table>

					monitoring were done for all the 25 WTGs in the project activity.
	Protecting/ enhancing species diversity (ENR03)	No Bird/bat Hits	Number of bird hits/ Number of bat hits	Bird/bat hits records	The value of this parameter has been verified through review of annual incident reports which was maintained for incident reporting in case of bird/bat hits /12/ and interviews with the relevant plant and village personnel /06/(Refer section D.2 of this report). During interview with plant operational and maintenance staff ERVT understood that they are doing regular plant rounds in WPP areas and there were no observations of birds and/or bats hits during monitoring period. The ERVT teams also checked all records and conclude that no such hits

					recorded during monitoring period. During project verification legal PO has carried out bird and bat study of WPP area and found that the area is not used migration of birds hence birds and bats population of birds are also fewer in WPP area. ERVT team also carried out interviews /06/with local villagers and they also confirms that no such case of birds and bats during monitoring period due to project wind turbines blades in nearby wind power plant areas. This parameter is used for the contribution of the E+ indicator.
	Shadow Flicker	No settlements within the boundary of 500 m radius of WTGs	-	Shadow flickering records	Windmills can cause shadow flickering. During the constructio n period, no settlements were within

						the 500 m radius of the WTGs. The value of this parameter has been verified through review of KML file /25/ and interviews with the relevant plant and village personnel (Refer section D.2 of this report). During interview with plant operational and maintenance staff, and physical site visit /06/, ERVT understood that no settlements are there within the 500 m radius of WTGs..
	Solid waste Pollution from Hazardous wastes (EL02)	<table><tr><th>Year</th><th>Hazardous waste generated (in Metric Tonnes)</th><th>Hazardous waste disposed (in Metric Tonnes)</th></tr><tr><td>2016</td><td>7.83</td><td>7.83</td></tr><tr><td>2017</td><td>10.81</td><td>10.81</td></tr><tr><td>2018</td><td>10.996</td><td>10.996</td></tr><tr><td>2019</td><td>12.005</td><td>12.005</td></tr><tr><td>2020</td><td>11.9</td><td>11.9</td></tr><tr><td>TOTAL</td><td>53.541</td><td>53.541</td></tr></table>	Quantity of hazardous waste generated and disposed	Records of Hazardous waste maintained at site	The quantity of hazardous waste that has been generated during the current monitoring period has been crosschecked by the ERVT with the hazardous waste records maintained at the site. The ERVT also confirms

					that the generated hazardous wastes are properly disposed through the review of FORM 10 records/13/ which is the manifest for Hazardous and other wastes. ERVT has verified that vendor's permits, licenses, and compliance history to ensure proper disposal and minimize environmental risks in line with the QA/QC process is implemented/followed by the PO. This parameter is used for the contribution of the E+ indicator.
	Solid waste pollution from E-wastes (EL04)	-	Quantity of e-waste generated and disposed	E-Waste Disposal Record	During the current monitoring period, no E-waste has been generated. ERVT has verified the e-waste generation records /14/ maintained by the PO and as per the same, no E-wastes have been generated.

					E-waste management policy/15/ has been maintained by the PO in which PO reaffirms their commitment to environmental protection by properly managing electronic wastes.
	Solid waste pollution from end-of-life products/ equipment	-	Quantity of wastes generated and disposed	End-of-life record	WTGs, inverters, transformers after their end of life or damaged parts which could not be reused in the project activity can cause pollution if not managed properly which comes under the category of Solid waste pollution from end-of-life products/ equipment. No End-of-life equipment generated during monitoring period. ERVT has confirmed the same by checking the Waste record /16/.The same has been confirmed from interviews

					with site personnel/06/. This parameter has been monitored in compliance with legal/regulatory norms.
	Solid waste pollution from batteries (EL05)	-	Quantity of wastes generated and disposed	Battery Waste Record	For the current monitoring period, no battery waste has been generated by the project activity. The same has been verified by checking the Battery waste record /17/. The same has been confirmed from interviews with site personnel/06/. This parameter has been monitored in compliance with legal/regulatory norms. This parameter is used for the contribution of the E+ indicator.
	Avoiding discrimination when hiring people from different race, gender, ethnics, religion, marginalized groups, people with	-	Number of complaints received	1. Company policy on non-discrimination practices 2. Grievance record	Project owner ensures that no discrimination practices exist while hiring people from different

	disabilities (SJ04) (human rights)		on discrimination practices		race, gender, ethnics, religion, marginalized groups, people with disabilities. PO maintains company policy on anti-discrimination /18/ and the same has been verified by ERVT. No grievances has registered during the urrent monitoring period which was confirmed by the ERVT after review of Grievance register /19/maintained and also from Onsite interviews /06/ with the employees working at the site. In the project site, Grievance box has been placed by the PO/06/. This parameter is used for the contribution of the S+ indicator.
	Reducing / increasing accidents/incidents/fatality (SHS03)	**Year** / **Records of accidents** / **Number of trainings conducted**	No. of accidents	Accidents/Incidents/fatality records	The value for the parameter has been verified through review of

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<table>
<tr><th></th><th></th><th>at the site</th></tr>
<tr><td>2016</td><td>0</td><td>5</td></tr>
<tr><td>2017</td><td>0</td><td>5</td></tr>
<tr><td>2018</td><td>0</td><td>4</td></tr>
<tr><td>2019</td><td>0</td><td>5</td></tr>
<tr><td>2020</td><td>0</td><td>8</td></tr>
<tr><td>TOTAL</td><td>0</td><td>27</td></tr>
</table>
</td>
<td>No.of safety training provided</td>
<td></td>
<td>safety training & accident records /09/ /20/ and interviews with the relevant plant personnel /06/(Refer section D.2 of this report). During interview with plant operational and maintenance staff ERVT was understood that the regular trainings consist of various Health and safety (HSE) training topics such height work, electrical safety, road safety, first aid, fire safety, Legal PO also maintained records of monthly plant review including accident records/20/.

Accordingly, ERVT concludes that legal PO has provided regular HSE trainings to wind power plant employees and</td>
<td></td>
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</table>

				accordingly maintained accident records also. This parameter is used for the contribution of the S+ indicator.
Exploitation of Child Labour (human rights) (SW08)	0	No .of Children working at the site	Employment records	The value of the parameter has been verified through the employment records/08/. PO follows the child labor (prohibition and regulation) Act, 1986. Project owner strictly monitors and ensures that no child labor is working at the site and no forced labor is working at the site. The ERVT has confirmed the same via on-site visit and interviews with personnel working /06/. A scoring of +1 has given to this parameter.

The ERVT confirms that:

- The monitoring has been carried out in accordance with the monitoring plan in the registered PSF /B07/.
- All parameters required by the monitoring plan have been measured / determined without material misstatements and in line with all applicable standards and relevant requirements.

	The same is in compliance with the requirements of GCC Project Standard (version 03.1) /B02-1/ and GCC verification standard (version 03.1) /B02-2/.

E.5.3 Implementation of sampling plan

Means of Verification	Desk Review and Interview
Findings	Please refer to Appendix 4 for further details.
Conclusion	Not applicable as the registered PSF /B07/ does not have any provisions of sampling.

E.6. Compliance with the calibration frequency requirements for measuring instruments

Means of Verification	Desk Review and Interview
Findings	Please refer to Appendix 4 for further details.
Conclusion	The emission reduction verification team confirms that all the energy meters have been installed in the project activity as per the registered PSF /B07/. In summary, the ERVT was able to verify that the accuracy of the monitoring equipment was set according to the approved monitoring plan. Furthermore, the ERVT confirms all calibration procedures were carried at the frequency as specified by the methodology, monitoring plan of the registered PSF /B07/. Therefore, the accuracy of the monitoring equipment is assured. The details of energy meters installed on-site are as: ERVT confirms that the accuracy of monitoring equipment is assured. ERVT has verified the calibration records/07/ The same is in compliance with the requirements of GCC Project Standard (version 03.1) /B02-1/ and GCC verification standard (version 03.1) /B02-2/.

Project	Line 1	Line 2
Type of meter	Trivector Bidirectional meters	
Location of meter	220/33kV Substation	
Accuracy of meter	0.2s	
Serial number of meters	GJ3058A	GJ3057A
Calibration frequency	Once in 5 years	
Date of Calibration/ validity	22/11/2021	22/11/2021
Reference No. of Calibration Certificate	AEPL/21/M/N- 0783	AEPL/21/M/N-0782
Calibration Status	Calibrated	Calibrated

E.7. Assessment of data and calculation of emission reductions or net removals

E.7.1 Calculation of baseline GHG emissions or baseline net GHG removals by sinks

Means of verification	Desk Review and Interview
Findings	Please refer to Appendix 4 for further details.
Conclusion	Baseline emissions are the product of the baseline emission factor ($EF_{grid,CM,y}$) times the net electricity supplied by the project activity to the grid ($EG_{facility,y}$). $$BE_y = EG_{facility,y} \times EF_{grid,CM,y}$$ The registered PSF /B07/ has selected ex-ante option for grid emission factor and the value for the same is fixed for the crediting period. The PMR has accordingly used the grid emission factor fixed ex-ante. $EF_{grid,CM,y}$ of the proposed project in the registered PSF is 0.9305 tCO_2/MWh. $EG_{facility,y}$ is the net electricity generation supplied to the grid, which is determined by the electricity supplied to the grid minus the imported electricity from the grid. The net electricity generated and exported by the project activity is monitored by online monthly

records of electricity generated and exported by the project activity provided by GUVNL records /04/ and cross checked with the site records (Certificate for share of electricity generated by wind farm at 220KV Sukhpur (INOX) by GETCO, which is undertaken on monthly basis) by the ERVT.

Sl.No	Items	Description	Units	Values
1.	$EG_{facility,y}$	Quantity of net electricity generation supplied by the project plant/unit to the grid in the monitoring period	MWh	313,588.00
2.	$EF_{grid,CM\ y}$	"Combined margin CO_2 emission factor for the project electricity system applicable to all project activities other than wind and solar for the first crediting period"	tCO_2/MWh	0.9305
3.	BE_y	Baseline emission in the monitoring period	tCO_2e	291,794.00

The ERVT has checked all the monthly invoices /04/, electricity share certificate /05/ applicable for the monitoring period and found all the parameters are monitored and recorded as per the monitoring plan in the registered PSF /B07/. The ERVT has cross-checked the ER sheet /02/ and monitoring report data with the monthly invoices /04/, electricity share certificate /05/ and found that all the values are consistent.

E.7.2 Calculation of project GHG emissions or actual net anthropogenic GHG removals by sinks

Means of verification	Desk Review and Interview
Findings	Please refer to Appendix 4 for further details.
Conclusion	The project emissions are regarded as zero according to the applied methodology /B01/ and the registered PSF /B07/

E.7.3 Calculation of leakage GHG emissions

Means of verification	Desk Review and Interview
Findings	Please refer to Appendix 4 for further details.
Conclusion	The leakage emissions are regarded as zero according to the applied methodology /B01/ and the registered PSF /B07/

E.7.4 Summary calculation of GHG emission reductions or net anthropogenic GHG removals by sinks

Means of verification	Desk Review and Interview
Findings	Please refer to Appendix 4 for further details.
Conclusion	According to the applied methodology, the emission reductions are calculated as: $ER_y = BE_y - PE_y - LE_y$

Parameters	Description	Units	Values
ER_y	Emission reduction in the monitoring period	tCO_2e	291,794.00
BE_y	Baseline emission in the monitoring period	tCO_2e	291,794.00
PE_y	Project emission reduction in the monitoring period	tCO_2e	0
LE_y	Leakage emission reduction in the monitoring period	tCO_2e	0

	The ERVT confirms that all parameters are used correctly in the calculations, all results are verifiable and transparent, all assumptions are described and based on verifiable evidence and calculations are done in accordance with the pre-defined formulae from registered PSF /B07/. The total number of ACC's achieved during the monitoring period is 291,794.00 tCO_2e. The ERVT confirms that: • A complete set of data for the monitoring period is available. • Information provided in the monitoring report has been cross-checked with monthly invoices /04/, electricity share certificate /05/. • Calculations of baseline emissions and emission reduction has been carried out in accordance with the formulae and methods described in the monitoring plan and the applied methodology /B01/. • Appropriate/correct emission factor value has been applied. The same is in compliance with the requirements of GCC Project Standard (version 03.1) /B02-1/ and GCC verification standard (version 03.1) /B02-2/.

E.7.5 Comparison of actual GHG emission reductions or net anthropogenic GHG removals by sinks with estimates in registered PSF

Means of verification	Desk Review and Interview
Findings	Please refer to Appendix 4 for further details.
Conclusion	The actual GHG emission reductions achieved during this monitoring period are 291,794.00 tCO_2e which is less than the estimated emission reductions 438,513 tCO_{2e} as per the registered PSF /B07/. The ERVT has checked all the monthly invoices /04/, electricity share certificate /05/ applicable for the monitoring period confirmed the net electricity exported to the grid is correct and consistent. Therefore, the actual emission reductions from 31/03/2016 to 31/12/2020 (both days inclusive) are calculated correctly and are less than the estimated emission reduction. The same is in compliance with the requirements of GCC Project Standard (version 03.1) /B02-1/ and GCC verification standard (version 03.1) /B02-2/.

E.7.6 Remarks on difference from estimated value in registered PSF

Means of verification	Desk Review and Interview
Findings	Please refer to Appendix 4 for further details.
Conclusion	The ex-ante estimates value of the emission reductions for the duration of the monitoring period as per the registered PSF /B07/ is 438,513 tCO_{2e} and the actual GHG emission reductions achieved for this monitoring period is 291,794.00 tCO_{2e}. The actual emission reductions are lesser by 146,719 tCO_{2e} than estimated in the registered PSF /B07/ for the current monitoring period. The reduction is due to the less availability of wind energy and not in the control of project owner/06/. The same complies with the requirements of paragraph 74 of GCC Project Standard (version 03.1) /B02-1/ and GCC verification standard (version 03.1) /B02-2/.

E.7.7 Actual GHG emission reductions or net anthropogenic GHG removals by sinks during the period from 1 January 2016 onwards

Means of verification	Desk Review and Interview
Findings	Please refer to Appendix 4 for further details.
Conclusion	Based on the assessment of the project activity, the emission reduction achieved for the project "50MW Wind Power Project in Rojmal Gujarat" in the country India during the current monitoring period (1st monitoring period) 31/03/2016 to 31/12/2020 is 291,794.00 tCO_2e. The total ACC (issued and verified) for the project activity including current monitoring period is 291,794.00 tCO_2e.

E.8. Assessment of Environmental Safeguards (E+)

Means of Verification	Desk Review and Interview
Findings	CL 03, CAR 03 were raised and the findings were closed. Please refer to Appendix 4 for further details.
Conclusion	All relevant Environmental Safeguards (E+) monitoring parameters (as listed in section B.7.1 & E.1 of the registered PSF /B07/ and section D.2 & F of the PMR /01/) have been verified regarding the appropriateness of the applied monitoring method, monitoring frequency, and the correctness of the achieved results/impacts on selected social impact indicators. The ERVT concludes that the impact of project activity on environmental safeguards indicators has been correctly monitored and quantified as positive (Score: +8) Thus, the project activity has been awarded the Environmental Safeguards (E+) Label for this monitoring period.

Impact of Project Activity on Environmental Safeguards	**Project Owner's Conclusion**	**Assessment**
CO_2 emissions	The project reduces CO_2 emissions since it reduces the amount of fossil fuel used. In case of "no project", stated amount of electricity would be generated from fossil fuels and cause air pollution.	The implementation and continued operation of the project activity during the current monitoring period has resulted in reduction of 291,794 tCO_2e emission during the first (01st) monitoring period. The value for the parameter has been verified through review of ER spreadsheet /02/ and electricity invoice data /04/. The value for net electricity generated and delivered to the grid by the power plant has been cross-checked the ER sheet/02/ and monitoring report data with the share certificate covering monitoring period /05/ The value for grid emission factor (CM) is fixed ex-ante and has been verified through review of registered PSF /B07/ and corresponding project verification report /B08/.

			So, the implementation and operation of project activity results in reduction of CO_2 emissions. Hence, it is rated as positive.
	Solid waste Pollution from Hazardous waste	Transformer oil, waste cotton, oil filters generated during the project activity are collected, sorted, stored and disposed to the licensed vendor as per the regulation pertaining to the respective hazardous waste management rules of state and central pollution control board whichever precedes.	During the current monitoring period, solid wastes belong to the category of hazardous waste that has been generated. However, PO maintains the records of both generation and proper disposal of the generated waste. ERVT has confirmed the same by the review of hazardous waste records maintained at the site as well as FORM 10/13/ which is the manifest for hazardous waste. Hence, ERVT confirms that PO properly disposes the generated hazardous waste due to the project activity and hence, it is rated as positive.
	Noise Pollution	The project results in some noise during the operation period. However, the maximum and minimum noise levels observed during this monitoring period does not exceed the noise level standards of 45 dB. The project owner monitored the noise levels and observed that the noise levels are within the permissible limits.	PO has submitted regular noise monitoring records /11/ at various locations in project site and boundary of site at nearby villages. During interview with plant operational and maintenance staff ERVT was understood that the legal PO has carried out regular noise monitoring/11/. All the monitoring records are found within the limit recorded by national regulation for these areas. Hence this parameter is found acceptable, and it is rated as positive.
	Solid waste Pollution from E-wastes	E-Wastes can be generated in the form of damaged electronic and communication equipment; computer accessories and any other electronic components (eg. Cables, electronics cards etc.) being used in	No e-wastes has been generated during the current monitoring period. E-waste management policy/15/ has been maintained by the PO in which PO reaffirms their commitment to environmental

			the operation of the project activity. PO monitors the quantity of E-wastes that generate, and no harm has been caused.	protection by properly managing electronic wastes. ERVT has also cross verified records/14/ for the generation and disposal of e-wastes and as per the same, no e-wastes has been generated during the current monitoring period. Hence, a positive rating has been given to this parameter.	
		Solid waste Pollution from Batteries	The project activity does not have any battery storage facility to store the power. However, there are few batteries are used to start the inverters and for the standby power to the used in the lifetime office at the site. At the end of lifetime, the batteries will be handed over to the recycler or manufacturer to replace with new batteries. For the current monitoring period, no wastes has been generated in this category.	No battery wastes have been generated during the current monitoring period. PO adheres to the Battery waste management rules, 2020[6]. PO maintains records/17/ for the generation and disposal of battery wastes and as per the same, no battery wastes has been generated during the current monitoring period. The same has been confirmed from onsite interviews with site personnels/06/. Hence, positive rating has been given to this parameter.	
		Solid waste Pollution from end-of-life products/ equipment	Wind turbines and transformers are the major components of the wind power project. The impact is harmless as the parameter is being measured and monitored.	There is no generation of End-of-life products/ equipment during monitoring period. E-Waste Management Amendment rules, 2018[7]. However, PO maintains the record/16/ for monitoring the parameter and hence, a positive rating has been given. The same has been confirmed from onsite interviews with site personnels/06/.	
		land use change (change from cropland /forest land to project land)	The project activity has minimal impact on the land use change.	Since the land usage is already changed from crop land to project land, monitoring is not required. A scoring of Zero has been given.	
		Protecting/ enhancing species diversity	Bird/bat collisions happening during	Birds and bats hits records due to wind	

[6] https://cpcb.nic.in/uploads/hwmd/Battery-WasteManagementRules-2022.pdf
[7] https://cpcb.nic.in/rules-6/

		operation phase of the project.	turbine blades in monthly rounds records checklist are found maintained covering monitoring period. ERVT team reviewed the monitoring records for this parameter /12/ and also confirmed the same with interview with plant personnel and local villagers/06/. Hence this parameter is found acceptable, and it is rated as positive.
	Replacing fossil fuels with renewable sources of energy	The wind power project replaces fossil fuel with the renewable wind energy for the power generation by installing the wind power plant which would have been otherwise generated from the fossil fuel dominant	The net electricity generation supplied to the Indian grid, which is determined by the electricity supplied to the grid minus the imported electricity from the grid. The net electricity generated and exported by the project activity is monitored by online monthly records of electricity generated and exported by the project activity provided by monthly invoice records /04/, the same is cross checked with share certificate/05/ respectively covering monitoring period by the ERVT. 313,588 MWh renewable electricity was supplied to the grid during this monitoring period. Hence this parameter is found acceptable, and it is rated as positive.

E.9. Assessment of reported Social Safeguards (S+)

Means of Verification	Desk Review and Interview
Findings	CL 04 was raised, and findings were closed. Please refer to Appendix 4 for further details.
Conclusion	All relevant Social Safeguards (S+) monitoring parameters (as listed in section B.7.1 & E.2 of the registered PSF /B07/ and section D.2 & G of the PMR /01/) have been verified regarding the appropriateness of the applied monitoring method, monitoring frequency, and the correctness of the achieved results/impacts on selected social impact indicators. The ERVT concludes that the impact of project activity on social safeguards indicators has been correctly monitored and quantified as positive (Score: +8)

Thus, the project activity has been awarded the Social Safeguards (S+) Label for this monitoring period.

Impact of Project Activity on Environmental Safeguards	Project Owner's Conclusion	Assessment
Long- term jobs (> 1 year) created/ lost	The project activity generates long term job opportunities during the operation the project activity	During the current monitoring period the project activity has provided long- term job opportunities for the people. The same has been verified through the employment records via social insurance records /14/ and found that the project activity has created jobs for 7 people in the year 2016 and to 11 people in the year 2020 and it is found consistent with the PMR /01/. Hence, the ERVT confirms that the project makes positive impact on the parameter
Avoiding discrimination when hiring people from different race, gender, ethnics, religion, marginalized groups, people with disabilities	Discrimination practices in the organization will not be encouraged and strict policy will be developed and ensured to follow during the recruitment and growth appraisals	Project owner ensures that no discrimination practices exist while hiring people from different race, gender, ethnics, religion, marginalized groups, people with disabilities. PO maintains company policies on anti-discrimination /18/ and the same has been verified by ERVT. No grievances have registered during the current monitoring period which was confirmed by the ERVT after review of Grievance register /19/maintained and also from Onsite interviews /06/ with the employees working at the site. In the project site, Grievance box has been placed by the PO/06/. A positive rating has been given to this parameter.
Job related training imparted or not	The project owner provided job related training for the plant personnel.	During the current monitoring period the employees of the wind power plant have been provided job related trainings. The trainings

			provided to all the employees by legal PO in each season of the year covering their related topics for each employee are verified by ER verification team through training attendance sheets & average of training calculated by PO, The total number of trainings conducted at the site during this monitoring period is 27/09/. The same has been verified through review of the training records /09/. Hence, the ERVT confirms that the project makes positive impact on the parameter.
	Reducing / increasing accidents	The project owner provided EHS related training and review records accidents for the plant personnel.	During the current monitoring period the employees of the wind power plant have been provided HSE training on regular basis and legal PO has maintained review records of accidents. No accident are found covering monitoring period. The same has been verified through review of the HSE training records /09/ and accident records /20/. Hence, the ERVT confirms that the project makes positive impact on the parameter.
	Sanitation and waste management	Project will generate domestic waste during construction and operation of the project	PO follows Solid Waste Management Rules, 2016[8]. The parameter will not be monitored as the toilets and soak pits at the site are already constructed and are maintained regularly. This parameter has been given zero.
	Community and rural welfare	Project activity implementation contributes to the Economic, Environmental and social	The value of the parameter has been verified through the review of Photographs and media events /10/ and cross verified

[8] MSW_Rules.pdf (hspcb.org.in)

		well-being for the community	interviews with the relevant personnel /06/. A score of +1 has been given for this parameter.
	Women's empowerment	Project Activity provides employment opportunity to women in project operations and managerial role.	There is no discrimination in providing the employment or remuneration or growth opportunities for the women employee in the organization. ERVT has confirmed the same from the anti-discrimination policy/18/. No women employees are working at the project site during the current monitoring period, however, women have been employed at managerial roles. The same has been confirmed from employment records/08/ and onsite interviews with the personnel/06/.
	Exploitation of Child labour	Child Labour and forced labour are strictly prohibited by law and PO adheres to the law.	The value of the parameter has been verified through the employment records/08/. PO follows the child labor (prohibition and regulation) Act, 1986. Project owner strictly monitors and ensures that no child labor is working at the site and no forced labor is working at the site. The ERVT has confirmed the same via on-site visit and interviews with personnel working /06/. A scoring of +1 has given to this parameter.
	Shadow flicker	Project activity is not causing any impact on the nearby settlements	Shadow flicker causes impact in case of receptors within 500 m radius of the wind turbine. However, the project activity is not causing any impact to the nearby settlements, it is harmless. The same has been verified from onsite visits/06/ and cross verified from KML/25/. PO maintains grievances register /19/ in case of grievances from villagers with respect to the same and during this current monitoring period, no

			grievances has been reported.

From the GCC verifier opinion the evidence provided for the S+ parameter is sufficient and hence the scoring is +8 for the social safeguards.

The same is in compliance with the requirements of GCC Environment and Social Safeguards Standard (v2.0) /B02-3/, GCC Project Standard (v3.1) /B02-1/ and GCC verification standard (v3.1) /B02-2/.

E.10. Assessment of reported Sustainable development Goals (SDG+)

Means of Verification	Desk Review and Interview
Findings	CL 05 was raised, and findings were closed. Please refer to Appendix 4 for further details.
Conclusion	All relevant SDG (SDG+) monitoring parameters (as listed in section B.7.1 & E.1 of the registered PSF /B07/ and section D.2 & F of the PMR /01/) have been verified regarding the appropriateness of the applied monitoring method, monitoring frequency, and the correctness of the achieved results/impacts on selected Sustainable Development Goal (SDG) indicators.

UN- level SDGs	Project Level Description	Monitoring Procedure	ERVT Assessment
SDG 7: Ensure access to affordable, reliable, sustainable and modern energy for all	The project enhances the share of installed electricity generation capacity from renewable energy sources.	Share certificates and Invoice records	The implementation and continued operation of the project activity during the current monitoring period has resulted in generation and delivery of 313,588 MWh of electricity to the national grid during the first (01 st) monitoring period. The same is verified from cross-checked invoice records /06/. The value for the parameter has been also cross-checked the ER sheet /02/ and monitoring report data with the share certificates covering monitoring period /05/. Hence, the ERVT confirms that the project makes positive impact on the parameter.
SDG 8: Promote sustained, inclusive and	The project is to create job opportunity during	Employment records (Employee	ERVT checked the PO's employment

	sustainable economic growth, full and productive employment and decent work for all.	operation period. Project activity created employment for people and generates equal income for male and female employees.	declaration, HR records)	record via HR records /18/ and found that so far the project activity project activity has created jobs for 7 people in the year 2016 and to 11 people in the year 2020. Employee declarations /08/ has been crosschecked by ERVT to ensure the employment details. Further, the organizations PF challan/08/ is the proof that the employees were being paid the wages as per the host country requirements. Hence, the ERVT confirms that the project makes positive impact on the parameter.
	SDG 13: Take urgent action to combat climate change and its impact	Project activity directly contributes to GHG emission reductions through generation of renewable energy and displacement of emission intensive energy in the connected grid.	Electricity meter readings	The implementation and continued operation of the project activity during the current monitoring period has resulted in generation and delivery of 313,588 MWh of electricity to the Indian national grid. Net export of 313,588 MWh of electricity to the national grid has resulted in reduction of 291,794 tonnes of CO_2e emission during the first (01st) monitoring period. The value for the parameter has been verified through review of ER spreadsheet /02/.

				The value for the parameter has been cross-checked the ER sheet /02/ and monitoring report data with the invoices/04/ and share certificate covering monitoring period /05/. The value for grid emission factor (CM) is fixed ex-ante and has been verified through review of registered PSF /B07/ and corresponding project verification report /B08/. Hence, the ERVT confirms that the project makes positive impact on the parameter

The ERVT concludes that the impact of project activity on SDG has been correctly monitored and quantified as positive.

From the GCC verifier opinion the evidence provided for the SDG parameter is sufficient. The project activity contributes to SDG 7,8 and 13 and achieves Silver SDG certification Label.
The same is in compliance with the requirements of GCC Project Sustainability Standard (v3.1) /B02-4/, GCC Project Standard (v3.1) /B02-1/ and GCC verification standard (v3.1) /B02-2/.

E.11. Assessment of reported authorization on Double Counting from Host Country (for CORSIA)

Means of Verification	Desk Review and Interview
Findings	No findings in this section.
Conclusion	During the next periodic emission reduction verification, the GCC verifier shall assess that for any credits issued for monitoring period after 1st January 2021 will require to obtain Host Country Authorization (HCA) on Double Counting to be eligible for CORSIA (C+) labelling. FAR 01 was raised during project verification stage in this regard, which is carry forward FAR of project verification stage. In line with section I (3) of PMR filling guidelines V01, authorization on Double Counting/Claiming from Host Country (for CORSIA) is not required if ACCs are requested to be issued for monitoring period ending on or prior to 31 December 2020 and this is not a requirement for C+ Label. The current monitoring period ends on 31/12/2020, hence this authorization is required for the succeeding periodic ER verification, which will be verified by the next GCC ER verifier.

E.12. Assessment of reported CORSIA Eligibility (C+)

Means of Verification	Desk Review and Interview
Findings	No findings in this section
Conclusion	ERVT through review of PMR /01/, registered PSF /B07/ and through review of the requirements of CORSIA Eligible Emissions Units confirms that the Project Activity complies with the with all the applicable requirement for the Emission Unit Criteria of CORSIA to be eligible under CORSIA (C+). The ERVT confirms that the same is in compliance with the requirements of GCC Program Framework (v3.1) /B02-6/ GCC Project Standard (v3.1) /B02-1/ and GCC verification standard (v3.1) /B02-2/.

Section F. Internal quality control

The final Emission Reduction Verification Report (ERVR) passed a technical review before being submitted to the GCC Operation Team. A technical reviewer qualified in accordance with CCIPL's qualification scheme for GCC Project verification and Emission Reduction Verification performed the technical review.

Section G. Emission Reduction Verification opinion

Carbon Check (India) Private Ltd. (CCIPL) has performed the First (1st) periodic emission reduction verification of the registered GCC Project Activity "50MW Wind Power Project in Rojmal Gujarat" in India (GCC reference no.: S00486)".
The ERVT assigned by the GCC Verifier concludes that the project activity as described in the registered PSF (version 10; dated 22/03/2024) /B07/, and the PMR (version 06; dated 27/08/2024) /01/, meets all relevant requirements of the GCC Program Framework (v2.1) /B02-6/, Program Manual (v3.1) /B02-7/ and Program Processes (v4.0) /B02-8/. The emission reduction verification has been conducted in-line with the requirementsof GCC Project Standard (v3.1) /B02-1/ and GCC Verification Standard (v3.1) /B02-2/.

Emission Reduction Verification methodology and process:

The ERVT confirms the contractual relationship signed on 30/05/2024 between the GCC verifier, Carbon Check (India) Private Ltd and Project Owner, Tata Power Renewable Energy Limited /21/. The team assigned for emission reduction verification meets the CCIPL's internal procedures including the GCC requirements for the team composition and competence. The ERVT has conducted a thorough review as per GCC and CCIPL's procedures and requirements.

The emission reduction verification has been performed as per the requirements described in the GCC Project Standard (v3.1) /B02-1/ and GCC Verification Standard (v3.1) /B02-2/ and constitutes the review andcompletion of the following steps:

- Reviewing the registered PSF (version 10; dated 22/03/2024) /B07/
- Desk review of the PMR (version 02; dated 06/06/2024) /01/, Final PMR (Version 06; dated 27/08/2024) and other relevant documents.
- Review of the applied monitoring methodology (ACM0002, Version 20.0) /B01/
- Review of Program Framework (v2.1) /B02-6/, Program Manual (v3.1) /B02-7/ and Program Processes (v4.0) /B02-8/ and guidance documents
- On-site assessment (27/06/2024)
- Resolution of CARs and CLs raised during emission reduction verification.
- Issuance of Emission Reduction Verification Report (ERVR)

The project activity was correctly implemented according to the selected monitoring methodology and registered PSF /B07/. The monitoring system was installed, maintained in a proper manner, while collected monitoring data allowed for the verification of the amount of achieved GHG emission reductions. Through the review an on-site visit the ERVT confirms that the project activity has resulted in 291,794 tCO_2e emission

reductions during the first (01st) monitoring period.

CCIPL as a verifier is therefore pleased to issue a positive Emission Reduction Verification Opinion expressed in the Certification statement.

Section H. Certification statement

Carbon Check (India) Private Ltd. (CCIPL) has performed the First periodic emission reduction verification of the registered GCC Project Activity "50MW Wind Power Project in Rojmal Gujarat" in India (GCC reference no.: S00486)". The Project Activity involves installation and operation of a new grid connected 50 MW wind power plant consisting of 25 individual Wind Turbine Generators (WTGs) in Amreli, Botad and Rajkot districts of Gujarat. The project generates electricity from renewable source of energy (wind) and generated electricity is supplied to the Indian National grid. This will reduce and replace the equivalent amount electricity generated from the carbon intensive power plants in the Indian national grid thus helps in reducing the GHG emissions.

The project owner is responsible for the collection of data in accordance with the monitoring plan and the reporting of GHG emission reductions. It is GCC verifier's responsibility to express an independent emission reduction verification opinion and certification statement on the reported GHG emission reductions from the project activity. The GCC verifier does not express any opinion on the selected baseline scenario or on the validated and registered PSF /B07/. The emission reduction verification is carried out in-line with the requirements of GCC Project Standard (v3.1) /B02-1/ and GCC Verification Standard (v3.1) /B02-2/.

The emission reduction verification was performed to identify the compliance with implementation and monitoring requirements, and to verify the actual amount of achieved emission reductions, through obtaining evidence and information on-site that included:

(i) checking whether the provisions of the monitoring methodology and the monitoring plan were consistently and appropriately applied and
(ii) the collection of evidence supporting the reported data.

The emission reduction verification is based on:

- Registered PSF (version 10; dated 22/03/2024) /B07/
- Project Verification Report (GCC.PVR. dated: 29/03/2024)
- ACM0002 "Grid-connected electricity generation from renewable sources" (version 20.0) /B01/
- Project Monitoring Report (version 02; dated 06/06/2024) /01/ and (version 06; dated 27/08/2024) /01/

This statement covers emission reduction verification period from 31/03/2016 to 31/12/2020 (including both dates).

The GCC verifier had raised five (05) Clarification Requests (CLs) and Four (04) Corrective Action Requests (CARs) were raised during this emission reduction verification and closed successfully. One (1) Forward Action Requests (FARs) have been raised during Project Verification, which is carry forward FAR of project verification stage. Please refer to Appendix 4 for further information.

The GCC verifier considers it necessary to give reasonable assurance that the reported GHG emission reductions were calculated correctly on the basis of the approved baseline and monitoring methodology and the monitoring plan contained in the registered PSF /B07/ are fairly stated.

Carbon Check (India) Private Limited (CCIPL) has conducted the emission reduction verification of GCC project activity "50MW Wind Power Project in Rojmal Gujarat" (GCC ref. no.: S00486) and hereby certifies the following:

(a) The GCC project activity has been correctly implemented according to the selected monitoring methodology and registered PSF /B07/. The monitoring system was installed, maintained in a proper manner, while collected monitoring data allowed for the verification of the amount of achieved GHG emission reduction

(b) The project activity leads to GHG emission reductions of 291,794 tCO_2e as indicated in the PMR /01/ and ER sheet /02/, for the first (01st) monitoring period and all monitoring requirements have been fulfilled and is substantiated by an audit trail that contains evidence and records.

(c) The project activity doesn't cause any net-harm to the environment and the impact of project activity on

environmental safeguards indicators has been correctly monitored and quantified as positive. The project activity thus meets the requirement for being certified **with Environmental No-net-harm Label (E+).**

d) The project activity doesn't cause any net-harm to the society and the impact of project activity on social safeguards indicators has been correctly monitored and quantified as **positive**. Theproject activity thus meets the requirement for being certified with **Social No-net-harm Label (S+).**

e) The project activity contributes to the achievement of United Nations Sustainable Development Goals (SDGs), complies with the Project Sustainability Standard, the impact of project activity on SDG has been correctly monitored and quantified as positive. The project activity thus meets the requirement for being certified with **silver SDG certification label** (SDG+).

f) The Project Activity complies with all the applicable requirement of the Emission Unit Criteria of CORSIA to be eligible under CORSIA (C+). However, as per PO host country attestation will be submitted in future, if the monitoring period (31/03/2016 to 31/12/2020) is eligible for CORSIA requirement i.e. submission of HCA letter after 31/12/2020. Hence FAR 01 has been continued from the project verification stage.

The break-up of GHG emission reduction as verified during the course of emission reduction verification is as below:

Year	Approved Carbon Credits from 1st January 2016 onwards (tCO_2e)
2016(31/03/2016 - 31/12/2016)	19,045.00
2017(01/01/2016 - 31/12/2017)	73,269.00
2018(01/01/2018 - 31/12/2018)	66,406.00
2019(01/01/2019 - 31/12/2019)	70,704.00
2020(01/01/2020 - 31/12/2020)	62,370.00
Total	**291,794.00**

Appendix 1. Abbreviations

Abbreviations	Full texts
ACC	Approved Carbon Credits
ACM	Approved Consolidated Methodology
AM	Approved Methodology
AMS	Approved Methodology for SSC Projects
BE	Baseline Emission
BM	Build Margin
CAR	Corrective Action Request
CCIPL	Carbon Check (India) Private Limited
CDM	Clean Development Mechanism
CH_4	Methane
CL	Clarification Request
CM	Combined Margin
CO_2	Carbon dioxide
CP	Crediting Period
DR	Desk Review
EIA	Environmental Impact Assessment
ERVR	Emission Reduction Verification Report
FAR	Forward Action Request
GCC	Global Carbon Council
GHG	Green House Gas
GW	Giga Watt
IPCC	Intergovernmental Panel on Climate Change
kW	Kilo Watt
KWh	Kilo Watt hour
MoV	Means of Verification
MP	Monitoring Plan
MW	Mega Watt
MWh	Mega Watt hour
OM	Operating Margin
PSF	Project Submission Form
PE	Project Emission
PMR	Project Monitoring Report
PO	Project Owner
PSF	Project Submission Form
RFR	Request for Registration
SDG	Sustainable Development Goal
SPV	Special Purpose Vehicle
tCO_2e	Tonnes of Carbon dioxide equivalent
TPH	Tonnes Per Hour
TPREL	Tata Power Renewable Energy Limited
UNFCCC	United Nations Framework Convention on Climate Change
V	Version
VS	Verification Standard
WPP	Wind Power Plant
WTG	Wind Turbine Generator

Appendix 2. Competence of team members and technical reviewers

Carbon CHECK

Carbon Check (India) Private Limited

Certificate of Competency

Ms. Stefimol T A

has been qualified as per CCIPL's internal qualification procedures in accordance with the requirements of CDM AS (V7.0), ISO/IEC14065:2020, ISO/IEC 17029:2019 and other applicable GHG programs:

for the following functions and requirements:

☒ Validator	☒ Verifier	☐ Team Leader	☒ Technical Expert
☐ Technical Reviewer	☐ Health Expert	☐ Gender Expert	☐ Plastic Waste Expert
☐ CCB Expert	☐ Legal Expert	☐ Financial Expert	☐ Environmental, Health and Safety financial matters
☐ SDG+	☐ Social no-harm(S+)	☐ Environment no-harm(E+)	
☒ Local Expert for India			

in the following Technical Areas:

☐ TA 1.1	☒ TA 1.2	☐ TA 2.1	☒ TA 3.1	☐ TA 4.1
☐ TA 4. n	☐ TA 5.1	☐ TA 5.2	☐ TA 7.1	☐ TA 8.1
☐ TA 9.1	☐ TA 9.2	☐ TA 10.1	☒ TA 13.1	☐ TA 13.2
☐ TA 14.1	☐ TA 15.1	☐ TA 16.1		

Issue Date

5th December 2023

Expiry Date

31st December 2024

Priya Suman

Ms. Priya Suman
Compliance Officer

Sanjay Agarwalla

Mr. Sanjay Kumar Agarwalla
Technical Director

Revision History of the document:

Revision date	Summary of changes
Dec 2023	Initial Adoption

CCIPL_FM 7.9 Certificate of Competency_V4.0_112023

[1] Please refer to previous version of FM 7.9 for the revision history

Carbon CHECK

Carbon Check (India) Private Limited

Certificate of Competency

Mr. S Ranganathan

has been qualified as per CCIPL's internal qualification procedures in accordance with the requirements of CDM AS (V7.0), ISO/IEC14065:2020, ISO/IEC 17029:2019 and other applicable GHG programs:

for the following functions and requirements:

☒ Validator	☒ Verifier	☒ Team Leader	☒ Technical Expert
☒ Technical Reviewer	☐ Health Expert	☐ Gender Expert	☐ Plastic Waste Expert
☐ CCB Expert	☐ Legal Expert	☐ Financial Expert	☐ Environmental, Health and Safety financial matters
☒ SDG+	☒ Social no-harm(S+)	☒ Environment no-harm(E+)	
☒ Local Expert for India			

in the following Technical Areas:

☒ TA 1.1	☒ TA 1.2	☐ TA 2.1	☒ TA 3.1	☐ TA 4.1
☐ TA 4. n	☒ TA 5.1	☐ TA 5.2	☐ TA 7.1	☐ TA 8.1
☐ TA 9.1	☐ TA 9.2	☐ TA 10.1	☒ TA 13.1	☒ TA 13.2
☐ TA 14.1	☐ TA 15.1	☐ TA 16.1		

Issue Date

5th December 2023

Expiry Date

31st December 2024

Priya Suman

Ms. Priya Suman
Compliance Officer

Sanjay Agarwalla

Mr. Sanjay Kumar Agarwalla
Technical Director

Revision History of the document:

Revision date	Summary of changes
2022	Initial Adoption
Jan 2023	Annual revision
Dec 2023	Change in the template due to revision in TA and function

CCIPL_FM 7.9 Certificate of Competency_V4.0_112023

[1] Please refer to previous version of FM 7.9 for the revision history

Appendix 3. Documents reviewed or referenced

No.	Author	Title	References to the document	Provider
/01/	TPREL	Project Monitoring report	Version 2.0, dated 06/06/2024 Final version,V06, dated 27/08/2024	PO
/02/	TPREL	Emission Reduction Spreadsheet	Version 01 Version 02	PO
/03/	Gujarat Energy Development Agency	Proof of commissioning of WTGs Commissioning certificates 1.TPREL-Comm 4.00MW.PDF dated 13/12/2016 2. TPREL-Comm 14.00MW.PDF dated, 22/07/2016 3. TPREL-Comm 4.00MW.PDF Dated, 22/07/2016 4. TPREL-Comm 6.00MW.PDF Dated, 20/10/2016 5. TPREL-Comm 4.00MW.PDF, dated, 04/02/2017 6. TPREL-Comm 12.00MW.PDF, dated 20/10/2016		PO
/04/	GUVNL	Monthly Invoices of electricity sold with GUVNL (Covering monitoring period)	2016-2020	PO
/05/	Gujarat Energy Transmission Corporation Limited	Certificate of share of electricity generated by wind farm (Covering monitoring period)	2016-2020	PO
/06/	CCIPL	Onsite visit documents 1. Attendance register 2. OSV notes 3. Photographs	27/06/2024	ERVT
/07/	AKRON ENERGY	Calibration reports	22/11/2021	

	PRIVATE LIMITED	GJ-3058-A GJ-3057-A		
/08/	TPREL	Employment records Employee declarations PF challan	2016-2020	PO
/09	TPREL	Training records	2016-2020	PO
/10/	TPREL	Photographs and media events 1. RO water purifier installation at Local school 2. Medical Camp organised at Khambhala Village,Sukhpar village and Ambardi village 3. Tree Plantation Drive at Sukhpar Village Area 4. Tree Plantation Drive at Sukhpur Village Area	1. 2016-2017 2. 2017-2018 3. 2018-2019 4. 2019-2020	PO
/11/	TPREL	Monthly log for Noise monitoring	2016-2020	PO
/12/	TPREL	Annual incident report	2016-2020	PO
/13/	TPREL	Form 10 – Hazardous waste	2016-2020	PO
/14/	TPREL	e-waste generation records	2016-2020	PO
/15/	TPREL	E-waste management policy	24/10/2018	PO
/16/	TPREL	End of life equipment waste	2016-2020	PO
/17/	TPREL	Battery waste record	2016-2020	PO
/18/	TPREL	Company policies 1. Gender diversity and inclusion policy 2. Human Rights policy 3. Health And Safety Policy 4. CSR policy	1. 09/07/2018 2. 30/08/2019 3. 11/03/2019 4. 25/03/2019	PO
/19/	TPREL	Grievance records	2016-2020	PO
/20/	TPREL	Accident records	2016-2020	PO
/21/	TPREL and CCIPL	Contracts signed between CCIPL and TPREL	30/05/2024	PO
/22/	Products Inox wind	Technical specification of turbines	14/12/2022	PO
/23/	TPREL & GUVNL	PPA 2 MW 6 MW 10 MW	02/01/2017 10/10/2016 28/03/2016 23/09/2016	

		12 MW 20 MW	22/06/2016	
/24/	PO	Letter of Authorization		PO
/25/	TPREL	KML file		PO
/B01/	UNFCCC	ACM0002 Grid-connected electricity generation from renewable sources	Version 20.0	Publically available
/B02/	GCC	1.Project Standard (v3.1) 2.Verification Standard (v3.1) 3.Environment and Social Safeguards Standard (v3.0) 4.Project Sustainability Standard (v 3.1) 5.Program Definitions (v3.1) 6.Program Framework (v3.0) 7.Program Manual (v4.0) 8.Program Processes (v4.0) 9. Clarification No 1 (v 1.1)		Publically available
/B03/	UNFCCC	CDM validation and verification standard for project activities	Version 03.0	Publically available
/B04/	UNFCCC	Guideline: Application of materiality in verifications"	Version 02.0	Publically available
/B05/	UNFCCC	Methodological Tool 07: Tool to calculate the emission factor for an electricity system	Version 07.0	Publically available
/B06/	UNFCCC	Methodological Tool 01: Tool for the demonstration and assessment of additionality	Version 07.0	Publically available
/B07/	GCC	Registered Project Submission Form (PSF)	Version 10.0, dated 22/03/2024	Publically available
/B08/	GCC	Approved Project Verification Report	GCC. PVR. dated 29/03/2024	Publically available
/B09/	GCC	PMR Template Filling Form	Version 1.0	Publically available

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

Table 1. Remaining FAR from Project verification and/or previous verifications

FAR ID	01	**Section no.**	E.2	**Date:** 29/03/2024
Description of FAR				
Project shall demonstrate the compliance to CORSIA requirements for the credits claimed beyond 31 December 2020 with respect to double counting and HCLOA requirements and also future CORSIA requirements applicable time to time for the project activity. The ER verifier should certify CORSIA LABEL (C+) till 31 Dec 2020. PO needs to submit host country letter of authorization for the ACC issuances after 31st December 2020. Once the Host Country Authorization is provided later, this can be verified in first or subsequent verifications.				
Project Owner's response				**Date:** 06/06/2024
Host Country Approval letter will be submitted at the time of request for second issuance				
Documentation provided by Project Owner				
GCC Emission Reduction Verifier's assessment				**Date:** 27/06/2024
Since, the current monitoring period ends on 31/12/2020, HCLOA is not required for CORSIA label certification. Hence, FAR has been closed.				

Table 2. CLs from this Emission Reduction Verification

CL ID	01	**Section no.**	E.1	**Date:** 27/06/2024
Description of CL				
In the cover page of the PMR, Project Owner is requested to provide the following: - *Letter of Authorization or Nomination Form* - *Reference for the IHS Markit Account ID.*				
Project Owner's response				**Date:** 16/07/2024
- *The Letter of Nomination dated 26/06/2023 has been submitted.* - *The Screenshot of the IHS portal mentioning the IHS Markit account ID has been submitted.*				
Documentation provided by Project Owner				
Letter of Nomination *Evidence for IHS Markit ID*				
GCC Project Verifier assessment				**Date:** 20/07/2024
e project verification team has crosschecked the mentioned documents and the same is accepted. Hence, CL 01 has been closed.				

CL ID	02	**Section no.**	E.3	**Date:** 27/06/2024
Description of CL				
In the section B.1 of the PMR, Project Owner is requested to provide: • *Detailed specification on generator and transformer.* • *Evidence for start of operation of the Project Activity*				
Project Owner's response				**Date:** 16/07/2024

- The technical specifications of wind turbine generator have already been included in the monitoring report. The specifications of transformer such as the capacity and the manufacturer and the number of transformers have been included now.

- The evidence for the start of operations of the Project Activity i.e., commissioning certificates of WTGs have been submitted.

Documentation provided by Project Owner

Technical datasheet of WTG & transformers
Commissioning certificates
Updated Monitoring report

GCC Project Verifier assessment	**Date:** 25/07/2024

e justifications provided by the Project owner has been accepted by the project verification team. Hence, CL 02 has been closed.

CL ID	03	**Section no.**	E.8	**Date:** 27/06/2024

Description of CL

In the section F of the PMR, Project Owner is requested to submit credible evidence for the monitoring of following E+ indicators:

1. *Noise Pollution,*
2. *Solid waste Pollution from Hazardous wastes*
3. *Solid waste Pollution from E-wastes*
4. *Solid waste Pollution from Batteries*
5. *Protecting/ enhancing species diversity-bird hits*

Project Owner's response	**Date:** 16/07/2024

1. *The maximum and minimum noise levels have been included in the MR. The monthly noise level records for this monitoring period have been submitted.*
2. *Project Owner has stored the hazardous waste generated from the site and disposed off to the licensed vendor. The Form 10 for Hazardous wastes has been submitted as the evidence.*
3. *Project Owner has monitored the e-waste from the site and there was no e-wastes generated from the site during this monitoring period.*
4. *PO has monitored the battery wastes generated from the site and during this monitoring period, there were no battery wastes generated from the site.*
5. *PO has monitored the bird hits occurred due to the project activity and during this monitoring period, there were no such events occurred.*

Documentation provided by Project Owner

Noise level records
Form 10 for Hazardous wastes

GCC Project Verifier assessment	**Date:** 25/07/2024

2. The PO is requested to provide the hazardous waste generation details w.r.t monitoring period of 31/03/2016 to 31/12/2020 since it has not been provided. *3. PO has shared E-waste management policy. However, PO is requested to provide the record which is maintained for the monitoring of the same viz, agreement with third party vendor.* *4. PO is requested to provide the record which is maintained for the monitoring of the same viz, log book/records etc. if in case of occurrence of wastes.* *5. PO is requested to provide the monitoring records/log books maintained by PO in case of occurrence of bird hits.* *Hence, CL 03 has not been closed.*
Project Owner's response **Date:** 08/08/2024
2. The hazardous waste generation and disposal records being maintained at the project site for the period 31/03/2016 to 31/12/2020 has been submitted. 3. The E-waste records being maintained at the project site for the period 31/03/2016 to 31/12/2020 has been submitted. 4. The records maintained at the site for monitoring the details of waste generation and disposal have been submitted. 5. The record being maintained at the site to register the occurrence of bird hits has been submitted.
GCC Project Verifier assessment **Date:**
PO has provided the requested documents which is found to be appropriate, hence, CL 03 has been closed.

CL ID	04	**Section no.**	E.9	**Date:** 27/06/2024
Description of CL				
In the section F of the PMR, Project Owner is requested to submit credible evidence for the monitoring of following S+ indicators: 1. *Avoiding discrimination when hiring people from different race, gender, ethnics, religion, marginalized groups, people with disabilities.* 2. *Reducing / increasing accidents* 3. *Job related training* 4. *Women's empowerment* 5. *Exploitation of Child labour* 6. *Shadow flicker* 7. *Noise pollution* 8. *Community and rural welfare*				
Project Owner's response				**Date:** 16/07/2024
1. The policy for non-discrimination when hiring people from different race, gender, ethnics, religion, marginalized groups, people with disabilities has been submitted. 2. PO has monitored the accidents recorded and there were no such accidents occurred at the site. 3. The trainings conducted at the site to the employees has been monitored and the supporting evidence has been submitted for this monitoring period. 4. PO has monitored the number of female staffs working at the site and there were no women employees at the project site during the current monitoring period. 5. The project owner ensured that there was no child labour at the site in line with the guidelines of the "Human Rights Policy". The employee list has been submitted as a supporting document. 6. There was no effect due to the shadow flicker from the WTGs. 7. The monthly noise level records have been submitted. 8. The CSR activities implemented by the Project Owner during this monitoring period has been submitted.				
Documentation provided by Project Owner				
Policy for non-discrimination practices *Trainings records*				

Noise level records *Human Rights policy* *CSR activities*
GCC Project Verifier assessment **Date:** 21/07/2024
1. PO has submitted the training records. Based on the information in section D.2 of PMR, a total of 27 training sessions were provided for the entire monitoring period and PO is requested to provide whole training details to demonstrate that 27 trainings were provided each year. 5. PO has submitted the employees list. However, PO is requested to provide employment records for substantiating the same. Hence, CL 04 has not been closed.
Project Owner's response **Date:** 08/08/2024
1. A total of 27 trainings were provided during the entire monitoring period and the year wise training details have been provided in the MR and the supporting training records have been submitted. 2. The employment records/declaration from the project owner stating the employees working at the project site during the current monitoring period has been submitted.
GCC Project Verifier assessment **Date:** 16/08/2024
1. The year wise training details have been provided by PO and the same has been Cross verified by RRVT to confirm the no. of trainings which were provided. *5.PO has provided employee declarations to state the number of employees working in the site.* *PO has provided the necessary documents as evidence for the monitoring of S+ indicators. Hence, CL 04 is closed.*

CL ID	05	**Section no.**	E.10	**Date:** 27/06/2024
Description of CL				
As per the SDG no. 8, the target is;, to Achieve full and productive employment and decent work for all women and men, including for young people and persons with disabilities, and equal pay for work of equal value by 2030. However, as per the information provided in PMR, no women employment has been happened for the current monitoring period. In this scenario, PO is requested to justify how the target for SDG 8 has been achieved.				
Project Owner's response				**Date:** 16/07/2024
The organization has the "Gender diversity and Inclusion policy" in place to promote the women empowerment. However, no women applied for any position at the project site. Hence, there were no women employees working at the project site.				
Documentation provided by Project Owner				
GCC Project Verifier assessment				**Date:** 21/07/2024
The Organization maintains anti-discrimination policy and promotes women empowerment. PO monitors the same as well. However, no women have been employees in the current monitoring period in the work site. PO promotes women empowerment and provides equal opportunity for all the genders. CL 05 has been closed.				

Table 3. CARs from this Emission Reduction Verification

CAR ID	01	**Section no.**	E.5.2	**Date:** 27/06/2024
Description of CAR				
(a) *In the monitoring plan provided in section D.2 of PMR, it has been mentioned that the main meters and backup meters/check meters are installed. However, during the Onsite visit backup meters was not found as mentioned. PO is requested to provide justification on the same.*				

Project Owner's response	**Date:** 16/07/2024
There are two energy meters located in the substation connected through two transmission lines from plant and there is one backup meter which monitors the combined electricity recorded from both the meters. The data from the backup meter will be used in case of failure of main meters and the section D.2 of PMR has been updated In line with the actual project scenario.	
Documentation provided by Project Owner	
Updated PMR.	
GCC Project Verifier assessment	**Date:** 21/07/2024
PO has updated the PMR which specifies the location of all meters in place. Hence, CAR 01 has been closed.	

CAR ID	02	**Section no.**	Onsite visit	**Date:** 27/06/2024
Description of CAR				
During the onsite visit, it has been identified that meter change has been happened for one of the meters, i.e, with serial number, GJ3058A *and the meter replacement happened after the existing monitoring period. However, PO is requested to provide evidences to confirm the meter details for monitoring of electricity generated mentioned in PMR for the current monitoring period.*				
Project Owner's response				**Date:** 16/07/2024
During this monitoring period, there was no replacement of the billing meters. The photographs of the energy meters used for billing in the current monitoring period has been submitted. *However, during the next monitoring period(01/01/2021 to 31/12/2023), the meter has been calibrated on 22/11/2021. Hence, the error has been applied for the delayed period of March-2021 to November-2021. The Project owner changed the existing meter (Sr.No GJ-3058-A) with the new meter (Sr.No GJ5935-A) on 01/01/2024.*				
Documentation provided by Project Owner				
Updated PMR and ER sheet *Energy meter photographs*				
GCC Project Verifier assessment				**Date:** 21/07/2024
The project verification team has crosschecked the updated PMR, ER sheets and energy meter photographs. The justification provided by PO has been accepted. Hence, CAR 02 is closed.				

CAR ID	03	**Section no.**	E.8	**Date:** 27/06/2024
Description of CAR				
If the environmental impact is harmless or positive, but the impact cannot be or has not been measured and monitored, a score of zero (0) shall be assigned to the parameter. Upon the review of registered PSF, land use change has been monitored as harmless and a score of Zero has been assigned to the parameter. The same information has not been provided in section F of PMR. PO is requested to maintain consistency in the parameters in registered PSF and PMR.				
Project Owner's response				**Date:** 16/07/2024
The parameter "land use change" is not being monitored as the entire land required for the project activity has already been acquired and there will not be any further land use change. The parameter has been included in the PMR inline with the registered PSF				
Documentation provided by Project Owner				
Updated PMR				
GCC Project Verifier assessment				**Date:** 21/07/2024
PO has updated the PMR with mentioned changes. Hence, CAR 03 has been closed.				

CAR ID	04	**Section no.**	E.5.2	**Date:** 27/06/2024
Description of CAR				
For the monitoring of parameter, Women's empowerment, it has been mentioned that the list of women employees due to the project activity will be monitored and provided during each monitoring period. However, during the current monitoring period (31/03/2016 to 31/12/2020), no list has been provided in the PMR. PO is				

requested to provide justification for the same.
Project Owner's response **Date:** 16/07/2024
The organization has the "Gender diversity and Inclusion policy" in place to promote the women empowerment. However, no women applied for any position at the project site. Project owner monitored the women employees at the site during the current monitoring period and it is observed to be zero. Since this parameter is being monitored, it is scored.
Documentation provided by Project Owner
Gender diversity and Inclusion policy
GCC Project Verifier assessment **Date:** 21/07/2024
The justification provided by PO has been accepted by ERVT and hence, CAR 04 has been closed.

Table 4. FARs from this Emission Reduction Verification

FAR ID	01	**Section no.**	E.2	**Date:** 21/07/2024
Description of FAR				
During the next periodic emission reduction verification, the GCC verifier shall assess that for any credits issued for monitoring period after 1st January 2021 will require to obtain Host Country Authorization (HCA) on Double Counting to be eligible for CORSIA (C+) labelling.				
Project Owner's response				**Date:**
Documentation provided by Project Owner				
GCC Emission Reduction Verifier's assessment				**Date:**

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[9];
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

[9]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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