Project Verification Report

2021

COVER PAGE Project Verification Report Form (VR)	
BASIC INFORMATION	
Name of approved UCR Project Verifier / Reference No.	Enviance Services Private Limited
Type of Accreditation	☐ CDM or other GHG Accreditation ☒ ISO 14065 Accreditation
Approved UCR Scopes and GHG Sectoral scopes for Project Verification	01 Energy industries (Renewable/Non-Renewable Sources)
Validity of UCR approval of Verifier	30/09/2027
Completion date of this VR	01/05/2025
Title of the project activity	42.5 MW Wind Power Project by BPCL in Karnataka
Project reference no. (as provided by UCR Program)	464
Name of Entity requesting verification service (can be Project Owners themselves or any Entity having authorization of Project Owners, example aggregator.)	UCR ID – 464 Viviid Emissions Reductions Universal Pvt. Ltd. Name: Lokesh Jain Email ID – lokesh.jain@viviidgreen.com
Contact details of the representative of the Entity, requesting verification service (Focal Point assigned for all communications)	UCR ID – 464 Viviid Emissions Reductions Universal Pvt. Ltd. Name: Lokesh Jain Email ID – lokesh.jain@viviidgreen.com

Country where project is located	India
Applied methodologies (approved methodologies by UCR Standard used)	ACM0002., Consolidated baseline methodology for grid-connected electricity generation from renewable sources - Version 22.0
GHG Sectoral scopes linked to the applied methodologies	01 Energy industries (Renewable/Non-Renewable Sources)
Project Verification Criteria: Mandatory requirements to be assessed	☒ UCR Standard ☒ Applicable Approved Methodology ☒ Applicable Legal requirements /rules of host country ☒ Eligibility of the Project Type ☒ Start date of the Project activity ☒ Meet applicability conditions in the applied methodology ☒ Credible Baseline ☒ Do No Harm Test ☒ Emission Reduction calculations ☒ Monitoring Report ☒ No GHG Double Counting ☐ Others (please mention below)
Project Verification Criteria: Optional requirements to be assessed	☒ Environmental Safeguards Standard and do-no-harm criteria ☒ Social Safeguards Standard do-no-harm criteria

Project Verifier's Confirmation: The *UCR Project Verifier* has verified the UCR project activity and therefore confirms the following:	The UCR Project Verifier *Enviance Services Private Limited*, certifies the following with respect to the UCR Project Activity *[42.5 MW Wind Power Project by BPCL in Karnataka].* ☒ The Project Owner has correctly described the Project Activity in the Project Concept Note version 2 (dated *29/03/2025*) including the applicability of the approved methodology [*ACM0002.,Consolidated baseline methodology for grid-connected electricity generation from renewable sources - Version 22.0*] and meets the methodology applicability conditions and has achieved the estimated GHG emission reductions, complies with the monitoring methodology and has calculated emission reductions estimates correctly and conservatively. ☒ The Project Activity is likely to generate GHG emission reductions amounting to the estimated [*13,22,982*] tCO_2e, as indicated in the PCN version 2, which are additional to the reductions that are likely to occur in absence of the Project Activity and complies with all applicable UCR rules, including ISO 14064-2 and ISO 14064-

	3. ☒ The Project Activity is not likely to cause any net-harm to the environment and/or society ☒ The Project Activity complies with all the applicable UCR rules[1] and therefore recommends UCR Program to register the Project activity with above mentioned labels.
Project Verification Report, reference number and date of approval	Verification Report UCR Reference number: 464 Date of approval: 02/05/2025
Name of the authorised personnel of UCR Project Verifier and his/her signature with date	Vidhya Murali Krishna  Quality Manager Date: 02/05/2025

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PROJECT VERIFICATION REPORT

Executive summary

The project activity is titled- “42.5 MW Wind Power Project by BPCL in Karnataka”.
It is a wind-power Project located in Yelisirur Village, Gadag District, Karnataka State, India, has been effectively commissioned by Karnataka Power Transmission Corporation Limited (KPTCL). This project comprises of 25 wind turbines spread across the Yelisirur village.

Commissioning dates and geo Co-ordinates of all the wind turbines are mentioned in the table below:

Sr. No.	Make	Turbine No	Capacity	Commissioning Date	Latitude (Degrees North)	Longitude (Degrees East)
1	GE India Industrial Pvt. Ltd	Yelisirur-II T01	1.7 MW	26.11.2015	15.2587	75.58277
2	GE India Industrial Pvt. Ltd	Yelisirur-II T02	1.7 MW	26.11.2015	15.25678	75.5876
3	GE India Industrial Pvt. Ltd	Yelisirur-II T03	1.7 MW	26.11.2015	15.25606	75.59522
4	GE India Industrial Pvt. Ltd	Yelisirur-II T04	1.7 MW	26.11.2015	15.25263	75.59689
5	GE India Industrial Pvt. Ltd	Yelisirur-II T05	1.7 MW	26.11.2015	15.25127	75.59984
6	GE India Industrial Pvt. Ltd	Yelisirur-II T06	1.7 MW	26.11.2015	15.25385	75.61906
7	GE India Industrial Pvt. Ltd	Yelisirur-II T07	1.7 MW	26.11.2015	15.25644	75.61675
8	GE India Industrial Pvt. Ltd	Yelisirur-II T08	1.7 MW	26.11.2015	15.25872	75.60954
9	GE India Industrial Pvt. Ltd	Yelisirur-II T09	1.7 MW	26.11.2015	15.26252	75.60886
10	GE India Industrial Pvt. Ltd	Yelisirur-II T10	1.7 MW	26.11.2015	15.26901	75.61261
11	GE India Industrial Pvt. Ltd	Yelisirur-II T11	1.7 MW	26.11.2015	15.27198	75.6116
12	GE India Industrial Pvt. Ltd	Yelisirur-II T12	1.7 MW	26.11.2015	15.2743	75.61215
13	GE India Industrial Pvt. Ltd	Yelisirur-II T13	1.7 MW	26.11.2015	15.27663	75.61214
14	GE India Industrial Pvt. Ltd	Yelisirur-II T14	1.7 MW	26.11.2015	15.27906	75.61386
15	GE India Industrial Pvt. Ltd	Yelisirur-II T15	1.7 MW	26.11.2015	15.28221	75.61454
16	GE India Industrial Pvt. Ltd	Yelisirur-II T16	1.7 MW	11.07.2016	15.2805	75.61955
17	GE India Industrial Pvt. Ltd	Yelisirur-II T17	1.7 MW	11.07.2016	15.27656	75.62849
18	GE India Industrial Pvt. Ltd	Yelisirur-II T18	1.7 MW	11.07.2016	15.27151	75.63493
19	GE India Industrial Pvt. Ltd	Yelisirur-II T19	1.7 MW	11.07.2016	15.26717	75.62235
20	GE India Industrial Pvt. Ltd	Yelisirur-II T20	1.7 MW	11.07.2016	15.26233	75.61979
21	GE India Industrial Pvt. Ltd	Yelisirur-II T21	1.7 MW	11.07.2016	15.2683	75.63981

22	GE India Industrial Pvt. Ltd	Yelisirur-II T22	1.7 MW	11.07.2016	15.28266	75.64488
23	GE India Industrial Pvt. Ltd	Yelisirur-II T23	1.7 MW	11.07.2016	15.28769	75.64423
24	GE India Industrial Pvt. Ltd	Yelisirur-II T24	1.7 MW	11.07.2016	15.28346	75.63606
25	GE India Industrial Pvt. Ltd	Yelisirur-II T25	1.7 MW	11.07.2016	15.2792	75.6365

Proposed wind power project has evolved as a result of the policies of Government of India and Government of Karnataka, which encourages energy development from renewable sources. These policies have given fresh impetus to wind power generation. Also, by virtue of being a wind power plant, the proposed plant can be instantly started, stopped and quickly adjusted for power generation corresponding to variations in power/energy releases.

The Project Activity is a greenfield wind project and the electricity generated by the project is exported to the national grid of India. According to the power purchase agreements, the net generated electricity from the project activity is for selling it to KPTCL (HESCOM - Hubli Electricity Supply Company Limited) by the project proponent. The power produced by the Project Activity is evacuated at Yelisirur village in Gadag taluka in Gadag district, Karnataka with associated electrical equipments interconnecting the wind farm with 110KV/11KV sub station Shirahatti KPTCL grid through 33KV/110KV pooling cum switching station at Yelisirur of M/S Bhoruka Power Corporation Limited. As per DPR plant load factor is 35%.

The project activity displaces an equivalent amount of electricity which would have otherwise been generated by fossil fuel dominant electricity grid. The estimated lifetime of the project activity is considered as 20 years for wind technology. In the Pre- project scenario the entire electricity, consumed by the customers or delivered to the grid by, would have otherwise been generated by the operation of grid-connected power plants and by the addition of new generation sources.

The main component of this project activity is wind turbine which consists of components like main tower, blades, nacelle, hub, main shaft, gear box, bearing and housing, brake and generator. The generation of power from wind turbines is a clean technology as there is no fossil fuel-fired or no GHG gases are emitted during the process. Thus, project activity leads to a reduction the GHG emissions as it displaces power from fossil fuel-based electricity generation in the regional grid. Since the project activity generates electricity through wind energy, it will not cause any negative impact on the environment and thereby contributes to climate change mitigation efforts. The project activity also contributes to SDG goals 3,7,8 and 13.

The crediting period of the project activity is 09 years, 01 month, 05 days in which total estimated electricity generation is 130,305 MWh annually and the total GHG emission reduction estimated is 13,22,982 tCO_2e. Also, the annual average estimated emission reductions from project activity are 132,298 tCO_2e. During the monitoring period 640,983 tCO_2e of emission reduction has been reported.

Scope of Verification

The scope of the services for the project is to perform Project Verification of concerned Project Activity. The scope of verification is to assess the claims and assumptions made in the Project Concept Note (PCN) and Monitoring Report (MR) against the UCR criteria, including but not limited to, UCR program verification guidance document, UCR Standard, UCR Program Manual, and related rules and guidelines established under Program process.

Verification Process and Methodology

The verification process was undertaken by a competent verification team and involved the following,

- Desk review of documents and evidence submitted in context of the reference rules and guidelines issued by UCR,
- Undertaking/conducting site visit/remote audit, interview or interactions with the representative of the project owners/representatives,
- Reporting audit findings with respect to clarifications and non-conformities and the closure of the findings, as appropriate and preparing a draft verification opinion based on the auditing findings and conclusions
- Finalization of the verification opinion (this report)

Desk/Document review

A detailed desk review of the PCN, MR, Methodology and all other associated documentation and references took place in advance of the site visit, and additional documents that were not available for the desk review were requested for review during the site visit. Additional information can be required to complete the verification, which may be obtained from other public and reliable sources or through telephone and face to face interviews with key stakeholders (including the project developers and where necessary, government and NGO representatives in the host country).

A list of all documents reviewed or referred to in the course of this verification is included in Appendix 3 below.

Follow up interviews/site visit

The verifier conducted remote audit and had requested for site photographs, short videos. A remote interview was conducted with the project owners and stakeholders.

Conclusion

Based on the work performed, the verifier concludes that in the project activity “42.5 MW Wind Power Project by BPCL in Karnataka”, the information and data presented in the MR version 2 dated 29/03/2025 is in line with the Project Concept Note Version 2 dated 29/03/2025 and meets all relevant requirements of the UCR for UCR project activities. The UCR project activity correctly applies the methodology “ACM0002: Grid-connected electricity generation from renewable sources version 22.0” leading to result in real, measurable and long-term emission reductions achieved for the current monitoring period.

For the current monitoring period, verified emission reductions achieved by the project activity were as below;

Start date of monitoring period	26/11/2015
End date of monitoring period	31/12/2024
Emission reductions achieved	640,983 tCO_2 eq

Project Verification team, technical reviewer and approver

Project Verification team

No.	Role	Last name	First name	Affiliation (e.g. name of central orother office of UCR Project Verifier or outsourced entity)	Involvement in		
					Document review	Off-Site inspection	Interviews
1.	Team Leader/ Technical Expert	Kumar	Pankaj	Enviance Services Private Limited	Yes	Yes	Yes
2.	V-V Trainee / Technical Expert in Trainee	Jain	Vipul	Enviance Services Private Limited	Yes	Yes	Yes
3.	V-V Trainee / Technical Expert in Trainee	Yadav	Ritika	Enviance Services Private Limited	Yes	Yes	Yes

Technical reviewer and approver of the Project Verification report

No.	Role	Type of resource	Last name	First name	Affiliation (e.g. name of central or other office of UCR Project Verifier or outsourced entity)
1.	Technical reviewer	Internal	-	Vijayanand	Contractual resource

Means of Project Verification

Desk/document review

A detailed desk review of the PCN, MR, methodology and all other associated documentation and references took place in advance of the remote audit, and additional documents that were not available for the desk review were requested for review during the remote audit. Additional information can be required to complete the verification, which may be obtained from other public and reliable sources or through telephone and face-to face interviews with key stakeholders (including the project developers and where necessary, Government and NGO representatives in the host country).

A list of all documents reviewed or referred to in the course of this verification is included in Appendix 3 below.

Off-site inspection

Date of off-site inspection:
27/11/2024

No.	Activity performed Off-Site	Site location	Date
1.	a) An assessment of the implementation and operation of the project activity as per the PCN and UCR requirements b) Verification of the project design, as documented is sound and reasonable, and meets the identified criteria of UCR Standard Requirements andassociated guidance c) Assessment to conformance with the certification criteria as laid out in the UCR Standards; d) Evaluation of the conformance with the certification scope, including the GHG project and baseline scenarios, additionality; GHG sources, sinks, and reservoirs; and the physical infrastructure, activities, technologies and processes of the GHG project to the requirementsof the UCR; e) Evaluation of the calculation of GHG emissions, including the correctness and transparency of formulae and factors used; assumptions related to estimating GHG emission reductions; and uncertainties; and determination whether the project could reasonably be expected to achieve the estimated GHG reduction/removals. f) Review of information flows for generating, aggregating and reporting of the parameters to bemonitored g) To confirm that the operational and data collection procedures can be implemented in accordancewith the Monitoring Plan h) Cross-check of information provided in the submitted documents and data from other sources available at site i) Review of calculations and assumptions made in determining the GHG data and estimated ERs, and an identification of QA/QC procedures in place to prevent, or identify and correct, any errors or omissions in the reported monitoring parameters j) Interviews of local Stakeholders	Yelisirur Village, Gadag District, Karnataka State, India	27/11/2024

Interviews

No.	Interview			Date	subject
	Last name	First name	Affiliation		
1.	-	Mr. Ratan	Bhoruka Power Corporation Limited	27/11/2024	Project Implementation, Monitoring plan, Project Boundary, Eligibility criteria, Host country requirements, Emission reduction calculations Project implementation, monitoring, Local stakeholder consultation
2.	Mahanta	Sarashi	Viviid emissions reductions universal private Ltd.		
3.	-	Mr. Vignesh (Sarvodaya Seva Shikshana Samithi)	Local Stakeholder		

Sampling approach

Not applicable.

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

Areas of Project Verification findings	No. of CL	No. of CAR	No. of FAR
Green House Gas (GHG)			
Identification and Eligibility of project type	01	-	-
General description of project activity	02	01	-
Application and selection of methodologies and standardized baselines	-	-	-
- Application of methodologies and standardized baselines	-	-	-
- Deviation from methodology and/or methodological tool	-	-	-
- Clarification on applicability of methodology, tool and/or standardized baseline	-	-	-
- Project boundary, sources and GHGs	-	-	-
- Baseline scenario	-	-	-
- Estimation of emission reductions or net anthropogenic removals	-	02	-
- Monitoring Report	-	02	-
Start date, crediting period and duration	-	01	-
Environmental impacts	-	-	-
Project Owner- Identification and communication	-	-	-
Others	01	-	-
Total	04	06	-

Project Verification findings

Identification and eligibility of project type

Means of Project Verification	The project has an installation of a 42.5 MW wind power capacity and hence it qualifies as a large-scale project. This is confirmed based on the commissioning certificates and technical specifications. Since the project is a large-scale project, it has applied approved CDM large scale methodology ACM0002: Grid-connected electricity generation from renewable sources version 22.0. The Project owner has used valid MR form available at the UCR website for the preparation of MR for the current project activity. The project has prepared MR in line with UCR guidance and requirements.
Findings	CL 01 was raised and closed successfully. More information presented appendix below.
Conclusion	The UCR-approved format is used for description and the project meets the requirement of the UCR verification standard and UCR project standard. UCR project communication agreement was submitted to the verifier and the same has been verified. Methodology referenced and applied appropriately describing the project type. The eligibility of the project aggregator is verified using the UCR communication agreement, project correctly applies the verification standard, UCR project standard, and UCR regulations. The project activity is overall meeting the requirements of the UCR Verification standard and UCR project standard.

General description of project activity

Means of Project Verification

The project activity involves the operation of a 42.5 MW of large-scale wind power project and its commissioning date and power evacuation at the substation were verified through the commissioning certificate of the project. The power purchase agreement confirms the companies/entities involved in the agreement for purchase of electricity from the 42.5 MW (1.7 MW x 25 wind turbines in Yelisirur Village in Gadag Taluk of Gadag District, Karnataka State, India) project.

Assessment team conducted documentation review of the PCN against the UCR program verification standard version 2.0 and UCR CoU Standard (project eligibility criteria) version 7.0 and the UCR-PCN-FORM Version 1.0.

By checking the supporting documents, it is confirmed that the project is a greenfield wind power project, the project is spread across Yelisirur village in Karnataka state of India. The approximate geo-coordinates of the project locations are mentioned below.

Sr. No.	Turbine No	Capacity	Commissioning Date	Latitude (Degrees)	Longitude (Degrees)
1	Yelisirur-II T01	1.7 MW	26.11.2015	15.2587	75.58277
2	Yelisirur-II T02	1.7 MW	26.11.2015	15.25678	75.5876
3	Yelisirur-II T03	1.7 MW	26.11.2015	15.25606	75.59522
4	Yelisirur-II T04	1.7 MW	26.11.2015	15.25263	75.59689
5	Yelisirur-II T05	1.7 MW	26.11.2015	15.25127	75.59984
6	Yelisirur-II T06	1.7 MW	26.11.2015	15.25385	75.61906
7	Yelisirur-II T07	1.7 MW	26.11.2015	15.25644	75.61675
8	Yelisirur-II T08	1.7 MW	26.11.2015	15.25872	75.60954
9	Yelisirur-II T09	1.7 MW	26.11.2015	15.26252	75.60886
10	Yelisirur-II T10	1.7 MW	26.11.2015	15.26901	75.61261
11	Yelisirur-II T11	1.7 MW	26.11.2015	15.27198	75.6116
12	Yelisirur-II T12	1.7 MW	26.11.2015	15.2743	75.61215
13	Yelisirur-II T13	1.7 MW	26.11.2015	15.27663	75.61214
14	Yelisirur-II T14	1.7 MW	26.11.2015	15.27906	75.61386
15	Yelisirur-II T15	1.7 MW	26.11.2015	15.28221	75.61454
16	Yelisirur-II T16	1.7 MW	11.07.2016	15.2805	75.61955
17	Yelisirur-II T17	1.7 MW	11.07.2016	15.27656	75.62849

	18	Yelisirur-II T18	1.7 MW	11.07.2016	15.27151	75.63493
	19	Yelisirur-II T19	1.7 MW	11.07.2016	15.26717	75.62235
	20	Yelisirur-II T20	1.7 MW	11.07.2016	15.26233	75.61979
	21	Yelisirur-II T21	1.7 MW	11.07.2016	15.2683	75.63981
	22	Yelisirur-II T22	1.7 MW	11.07.2016	15.28266	75.64488
	23	Yelisirur-II T23	1.7 MW	11.07.2016	15.28769	75.64423
	24	Yelisirur-II T24	1.7 MW	11.07.2016	15.28346	75.63606
	25	Yelisirur-II T25	1.7 MW	11.07.2016	15.2792	75.6365

Assessment team performed an offsite inspection of project and confirmed that the location described in the PCN are accurate.

The Project is a wind power project, to utilize wind energy to generate zero carbon emission electricity which is mainly dominated by fossil fuel power output. The project includes integrated power transmission mechanism, high performance rotor blades, dual speed asynchronous generator, microprocessor based fully automatic control system with user friendly operation and central monitoring system. Quality, Safety and Health plan for construction, installation, commissioning and Operation & Maintenance. Microprocessor controlled high efficiency soft start. Active Yaw gear drives incorporating hydraulic yaw brakes.

Findings	CL 03, CL 04 and CAR 01 were raised and closed successfully. More information presented appendix below.
Conclusion	The description of the project activity is verified to be true based on the review of PCN, MR, Commissioning Certificate and power purchase agreement.

Application and selection of methodologies and standardized baselines

(.a.i) Application of methodology and standardized baselines

Means of Project Verification	The project has taken the reference of CDM methodology ACM0002: Grid-connected electricity generation from renewable sources version 22.0. CDM website is referred to check the latest version of the methodology. For the applicability mentioned in the PCN and MR, technical Specification, and commissioning certificate.
Findings	No findings raised.
Conclusion	The methodology applied is appropriately meeting the requirements of UCR and its standardized baseline. The methodology version is correct and valid. The referenced methodology is applicable to project activity.

(.a.ii) Clarification on applicability of methodology, tool and/or standardized baseline

Means of Project Verification	The documents reviewed are CDM methodology ACM0002: Grid-connected electricity generation from renewable sources version 22.0, UCR Program standard, and UCR Verification Standard.
Findings	No findings raised.
Conclusion	The verification team confirms that all the applicability criteria set by the applied CDM methodology and its eligible tools are met. The relevant information against those criteria is also included in the PCN and MR Ver.2. The selected CDM methodology for the project activity is applicable.

(.a.iii) Project boundary, sources and GHGs

Means of Project Verification	Project owner has considered project boundary as per applicable methodology ACM0002: Grid-connected electricity generation from renewable sources version 22.0, “The spatial extent of the project boundary includes the project power plant/unit and all power plants/units connected physically to the electricity system that the CDM project power plant is connected to.” Review of PCN and MR confirms that project sites and Indian electricity grid system is considered as a project boundary which is appropriate.
Findings	No findings raised
Conclusion	The project boundary is correctly defined in the PCN and MR. GHG sources are correctly identified and reported. The project meets the requirements of UCR project standard, Verification standard and methodology requirements for a boundary, GHG sources.

(.a.iv) Baseline scenario

Means of Project Verification	As per the applied methodology ACM0002: Grid-connected electricity generation from renewable sources version 22.0 the baseline scenario is as following: The baseline scenario is electricity delivered to the grid by the project activity that would have otherwise been generated by the operation of grid-connected power plants and by the addition of new generation sources. Remote audit conducted and document review showed that in

	absence of the project activity, the generated electricity would have been supplied by the Indian grid which is dominated by fossil fuel fired plants.
Findings	No findings raised.
Conclusion	The approved baseline methodology has been correctly applied to identify a realistic and credible baseline scenario, and the identified baseline scenario most reasonably represents what would occur in the absence of the proposed UCR project activity. All the assumption and data used by the project participants are listed in the PCN and/or supporting documents. All documentation relevant for establishing the baseline scenario are correctly quoted and interpreted in the PCN. Assumptions and data used in the identification of the baseline scenario are justified appropriately, supported by evidence and can be deemed reasonable.

(.a.v) Estimation of emission reductions or net anthropogenic removal

Means of Project Verification	The project verification team checked whether the equations and parameters used to calculate GHG emission reductions or net anthropogenic GHG removals for PCN and MR are in accordance with applied methodology. Project verification team checked section B.5 and C.5.1 of the PCN & MR respectively to confirm whether all formulae to calculate baseline emissions, project emission and leakage have been applied in line with the underlying methodology. The emission reduction calculation has been carried out as per the CDM methodology ACM0002, Version 22.0. $BE_y = EG_{PJ,y} \times EF_{Grid,y}$, Where, BE_y = Baseline emissions in year y (t CO2) $EG_{PJ,y}$ = Quantity of net electricity generation that is produced and fedinto the grid as a result of the implementation of the CDM project activity in year y (MWh) $EF_{Grid,y}$ = Grid emission factor in year y (t CO2/MWh) A "grid emission factor" refers to a CO_2 emission factor (tCO_2/MWh) which will be associated with each unit of electricity provided by an electricity system. The UCR recommends an emission factor of 0.9 tCO_2/MWh for the 2013-2023 years as a fairly conservative estimate for Indian projects not previously verified under any GHG program. Also, for the vintage 2021, the combined margin emission factor calculated from CEA database in India results into higher emission than the default value. Hence, the same emission factor has been considered to calculate the emission reduction under conservative approach.[2] Similarly, for the year 2024, a grid emission factor of 0.757 tCO2/MWh is to be applied. These conservative factors are used to calculate emission reductions. In order to facilitate adoption of authentic baseline emissions data and in keeping with the principle of “conservativeness,” all UCR Indian RE projects shall use the new conservative grid emission

[2] https://a23e347601d72166dcd6-16da518ed3035d35cf0439f1cdf449c9.ssl.cf2.rackcdn.com//Documents/UCRStandardAug2024updatedVer7_020824191534797526.pdf

factor of 0.757 tCO2/MWh in their emission reduction calculations for the 2024 vintage year.https://medium.com/@UniversalCarbonRegistry/ucr-cou-standard-update-2024-vintage-ucr-indian-grid-emission-factor-announced-ddb790cdc603

Project emissions: As per paragraph 40 of the applied methodology, For most renewable energy project activities,
$PE_y = 0$.
Since wind power is a GHG emission free source of energy project emission considered as Zero for the project activity.

Leakage Emissions: As per the paragraph 71 of the applied methodology ACM0002 Version 22.0, there are no emissions related to leakage in this project.
$LE_y=0$.

Emission reductions: As per Paragraph 72, equation 17 of the applied methodology, emission reductions are calculated as follows
$ER_y = BE_y - PE_y$
Where: ERy = Emission reductions in year y (tCO_2)
BE_y = Baseline Emissions in year y (t CO_2)
PE_y = Project emissions in year y (t CO_2)
LE_y = Leakage emissions in year y (t CO_2)

Therefore, $ER_y = BE_y$

The start date of the Project is from 26/11/2015 which is the earliest Commissioning date. For the ease of the calculation, duration of the crediting period is started from 26/11/2015 to 31/12/2024

The estimated emission reductions are 1,32,298 CoUs/yr (1,32,298 tCO2eq/yr)

S.no	Year	Baseline Emissions	Project Emissions	Leakage	Emission Reductions
		(tCO_2e)	(tCO_2e)	(tCO_2e)	(tCO_2e)
1	Year 1	1,36,038	0	0	1,36,038
2	Year 2	1,36,038	0	0	1,36,038
3	Year 3	1,36,038	0	0	1,36,038
4	Year 4	1,36,038	0	0	1,36,038
5	Year 5	1,36,038	0	0	1,36,038
6	Year 6	1,36,038	0	0	1,36,038
7	Year 7	1,36,038	0	0	1,36,038
8	Year 8	1,36,038	0	0	1,36,038

9	Year 9	1,36,038	0	0	1,36,038
10	Year 10	98,640	0	0	98,640
11	**Total Emission reduction**	**13,22,982**	**0**	**0**	**13,22,982**
	Annual Average ER	1,32,298	0	0	1,32,298

The actual emission reduction achieved during the first CoU's period (26/11/2015 to 31/12/2024) as per the Project Activity:

Year	Net Quantity of net electricity generation supplied by the project activity to the grid in year y	Emission Factor	Baseline Emission	Project emissions or actual net GHG removals by sink	Emission reductions or net anthropogenic GHG removals by sinks
	[MWh]	(tCO2e/MWh)	(tCO2e)	(tCO2e)	(tCO2e)
		[EFy]	[Bey]= [EGfacility, y]* [EFy]	[PEy]	[ERy]=[Bey]-[Pey]-[Ley]
2015	2661.749992	0.9	2395.574993	0	2396
2016	81331.24998	0.9	73198.12499	0	73198
2017	81567.85	0.9	73411.065	0	73411
2018	95546.75	0.9	85992.075	0	85992
2019	80135.25	0.9	72121.725	0	72122
2020	83466.5	0.9	75119.85	0	75120
2021	78851.5	0.9	70966.35	0	70966
2022	60225.75	0.9	54203.175	0	54203
2023	80322.125	0.9	72289.913	0	72290
2024	80957.63	0.757	61284.92591	0	61285
Total	**7,25,066.35**		**640982.7784**		**640983**

Findings

CAR 03 and CAR 04 were raised and closed successfully. More information presented appendix below.

Conclusion

In summary, the calculation of emission reductions was correctly demonstrated by the PP according to the methodology ACM0002: Grid-connected electricity generation from renewable sources version 22.0

It is confirmed by the assessment team that:
(a) All assumptions made for estimating GHG are listed in the PCN; (b) All documentation used by the project participants as the basis for assumptions and source of data is correctly quoted and interpreted in the PCN (c) All values used in the PCN including GWPs are considered reasonable in the context of the proposed UCR project activity; (d) The methodologies and, where applicable, the standardized baselines and the other methodological regulatory documents have been applied correctly to calculate baseline, project and leakage GHG emissions, as well as GHG emission reductions; (e) All estimates of the baseline GHG emissions can be replicated using the data and parameter values provided in the PCN;

(.a.vi) Monitoring Report

Means of Project Verification

Parameters determined- Ex-ante

The following parameters are determined ex-ante and verified by the verification team:

The baseline emission factor ($EF_{grid, y}$) of the project is reported to be determined ex-ante and would remain fixed for the crediting period. A "grid emission factor" refers to a CO_2 emission factor (tCO2/MWh) which will be associated with each unit of electricity provided by an electricity system. The UCR recommends an emission factor of 0.9 tCO_2/MWh for the 2013-2023 years as a fairly conservative estimate for Indian projects not previously verified under any GHG program. Also, for the vintage 2021, the combined margin emission factor calculated from CEA database in India results into higher emission than the default value. Similarly, for the year 2024, a grid emission factor of 0.757 tCO2/MWh is to be applied. These conservative factors are used to calculate emission reductions.

In order to facilitate adoption of authentic baseline emissions data and in keeping with the principle of “conservativeness,” all UCR Indian RE projects shall use the new conservative grid emission factor of 0.757 tCO2/MWh in their emission reduction calculations for the 2024 vintage year

Hence, the same emission factor has been considered to calculate the emission reduction under conservative approach. The parameters applied in the calculation were validated by the verification team. The verification team confirms that all relevant parameters have been sufficiently considered and the values of the parameters are real, measurable and conservative.

Parameters monitored ex-post

According to the approved methodology ACM0002: Grid-connected electricity generation from renewable sources version 22.0, the following parameters will be monitored:

Parameter	**Description**
$EG_{PJ,y}$	Quantity of net electricity generation supplied by the projectplant/unit to the grid in year y

The values of the parameters monitored were checked against submitted Joint Meter Readings and invoices and were found correct.

Meters details:

The Meter has been changed from old (14197015- Main Meter) & (14194444-Check Meter) to New (23002754- Main Meter) & (23002791- Check Meter) in August’ 2023.

Old meter	**New Meter**	**Replacement date**	**Make**	**Accuracy Class**

14197015 (Main Meter)	23002754 (Main Meter)	29/08/2023	L & T	0.2
14194444 (Check Meter)	23002791 (Check Meter)	29/08/2023	L & T	0.2

Location	Commissioning Date	Calibration date	Calibration validity	Calibration delay
Karnataka	26-11-2015	**21-04-2016**	**20-04-2021**	26.11.2015 to 31.04.2016
		20-03-2021	**19-03-2026**	
		29-08-2023	**28-08-2028**	

There was a calibration delay during the November 2015 to April 2016 in monitoring period. To address this, an error factor has been applied to the net export values for the delay period since the meters were not calibrated as per the required frequency. According to VVS guidelines, an error factor of "±0.2%" should be applied separately to both export and import values. A conservative approach has been adopted. To account for potential errors in both export and import, a cumulative error factor of "-0.4%" has been applied to the net electricity generation for the delay period.

Management system and quality assurance

The monitoring plan presented in the PCN complies with the requirements of the applicable methodology. The verification team has verified all parameters in the monitoring plan against the requirements of the methodology and no deviations have been found.

The management system and quality assurance procedures have been reviewed by the verification team through document review and interviews with the project participant. The project participant would train all the monitoring staffs are trained against with related requirement; the training guidelines and monitoring manual are saved and verified.

The monitoring plan outlines in the PCN includes:

- Monitoring Organization
- Monitoring apparatus and installation
- Calibration
- Data collection
- Data Management system

The submitted calibration certificates were checked and it was confirmed that the calibrations are conducted periodically as specified in the PCN i.e. at least once in 5 years. Error factor has been taken into account for the delayed calibration during

	the current monitoring period.
Findings	CAR 02 and CAR 06 were raised and closed successfully. More information presented in the appendix below.
Conclusion	The verification team is convinced of compliance of the monitoring plan with the requirements of the monitoring methodology ACM0002: Grid-connected electricity generation from renewable sources version 22.0. During the remote audit assessment, the verification team interviewed the PP that the monitoring arrangements described in the monitoring plan are feasible within the project design. The monitoring parameter reported in MR adequately represents the parameters relevant to emission reduction calculation. The calibration report ensures the accuracy of the data reported. The number of CoUs generation is calculated based on this accurately reported data. The calculation was done using an excel sheet where all the parameters were reported. The grid emission factor for electricity is considered as per UCR recommendation for Indian project. In the monitoring report, emission reduction calculations are correctly calculated and reported. The monitoring report meets the requirements of UCR project verification requirements.

Start date, crediting period and duration

Means of Project Verification	The start date and crediting period of project activity was checked based on the commissioning certificate, PCN, MR and other documents provided.
Findings	CAR 05 was raised and closed successfully. More information presented in the appendix below.
Conclusion	The project has chosen crediting period start date as 26/11/2015. The crediting period is chosen as 26/11/2015 to 31/12/2024 and the crediting period for the current monitoring period is 26/11/2015 to 31/12/2024.

Positive Environmental impacts

Means of Project Verification	PP has not claimed any separate positive environmental impact. The project being renewable energy project will reduce fossil fuel use through replacement of the same.
Findings	No findings raised
Conclusion	The project is a renewable energy project and reduces the environmental burden by reducing the dependence on fossil fuel-based power plants.

Project Owner- Identification and communication

Means of Project Verification	PCN, communication agreement, MR, commissioning certificate, power purchase agreement.
Findings	No findings raised
Conclusion	The project owner was identified through a communication agreement signed between project owner and project aggregator. Commissioning certificates and Power Purchase Agreement were also verified and they clearly establish the project ownership. The identification and communication correctly meet the requirement of

	project verification and UCR project standard. Project owner: BHORUKA POWER CORPORATION LTD

Positive Social Impact

Means of Project Verification	Project has provided temporary employment to local people during its installation and commissioning. Also post commissioning some of people have employed permanently and local people were engaged leading to social financial benefit to surrounding. Overall social impact of project implementation is positive on the surrounding area
Findings	CL 02 was raised and closed successfully. More information presented in the appendix below.
Conclusion	Project has overall positive social impact

Sustainable development aspects (if any)

Means of Project Verification	PP has claimed SDG Goals 3, 7, 8 & 13. SDG 3 is good health and well-being and is verified on the basis of supporting documents. As the project is a wind power plant it reduces air pollution by cutting fossil fuel emissions, improving air quality and reducing respiratory issues. SDG 7 is affordable and clean energy and it is verified during remote audit as the project is wind power plant. SDG 8 is decent work & economic growth and is verified by the supporting documents. SDG 13 is climate action. These claims were checked on the basis of supporting documents, JMR & invoice, employment of the local people on the project site and emission reduction calculations respectively.
Findings	No findings raised.
Conclusion	The project has the capability to address SDG 3, 7, 8 and 13.

Internal quality control

The verifier confirms that,

- Due professional care has been taken while reviewing the submitted document.
- There is no conflict of interest as the verifier has no other engagement with either the aggregatoror project owner directly or indirectly.
- Verification team consists of experienced personnel.

Project Verification opinion

Assessment team conducted documentation review the PCN against the UCR program verification standard version 2.0 and UCR project eligibility criteria version 7.0 and the UCR-PCN-FORM Version 1.0.

It is confirmed that the project activity is a 42.5 MW of large-scale wind power project (1.7 MW x 25 wind turbines) in Yelisirur Village in Gadag Taluk of Gadag District, Karnataka State, India. The geo co-ordinates of the project activity have been mentioned in sections above. Assessment team performed an remote audit and confirmed that the location described in the PCN is accurate. The verification was performed on the basis of UCR requirements, and host country criteria, as well as criteria given to provide for consistent project operations, monitoring and reporting.

The verification consisted of the following three phases: i) desk review of the PCN, MR and additional background documents; ii) follow-up interviews with project stakeholders; iii) resolution of outstanding issues and the issuance of the final verification report and opinion.

The project correctly applies the approved baseline and monitoring methodology ACM0002: Grid-connected electricity generation from renewable sources version 22.0.

The monitoring plan provides for the monitoring of the project's emission reductions. The monitoring arrangements described in the monitoring plan are feasible within the project design, and the project participants are able to implement the monitoring plan. Given that the project is implemented and maintained as designed, the project has achieved the emission reductions of 640,983 tCO2eq during the monitoring period i.e. from 26/11/2015 to 31/12/2024.

The review of the project design documentation and the subsequent follow-up interviews have provided assessment team with sufficient evidence to determine the fulfilment of stated criteria. In our opinion, the project meets all applicable UCR requirements. Assessment team thus requests the registration of the proposed UCR project activity.

Appendix 1. Abbreviations

Abbreviations	Full texts
ACM	Approved Methodology for large-Scale CDM project activities
UCR	Universal Carbon Registry
PCN	Project Concept Note
MR	Monitoring Report
t	Tonnes
NGO	Non-Governmental Organization
ISO	International Organization for Standardization
CAR	Corrective Action Request
CL	Clarification Request
GHG	Greenhouse Gas
MWh	Megawatt Hours

CO_2	Carbon Dioxide
CH4	Methane
N2O	Nitrous Oxide

Appendix 2. Competence of team members and technical reviewers

- **Mr. Pankaj Kumar** worked as team leader – Bihar for South Asia Climate Proofing and Growth Development (CPGD) – Climate Change Innovation Programme (CCIP) supported by DFID that seeks to mainstream climate change resilience into planning and budgeting at the national and sub-national level in India, Pakistan, Nepal, and Afghanistan. Pankaj Kumar has worked previously with IL&FS Infrastructure Development Corporation and BUIDCO (Bihar Urban Infrastructure Development Corporation), Govt. of Bihar as Environmental Specialist for WB & ADB funded projects. Prior to this, he worked with Carbon Check (UNFCCC accredited DoE), Johannesburg, RSA, Applus certification as Team Leader for validation, verification of around 100 GHG projects in Asia, Africa, USA, Asia Pacific & Americas. Pankaj is accredited Lead Auditor, Validator, Verifier and Technical Expert for Sectoral Scope/Technical Area – 1.1, 1.2, 3.1, 4.1, 13.1 by Enviance. He is also member of task force on climate change & human health, Health Department, GoB and on roster of UNICEF's WASH experts. He is an experienced, qualified and result oriented Environment Professional having more than 14 yrs. of relevant experience in Climate Change (Mitigation & Adaptation), Environmental Due Diligence, Disaster Risk Reduction, Validation and Verification of GHG project under CDM, Verified Carbon Standard, Gold Standard & Social Carbon Standard, Brazil. He provides technical support for environmental investigative, consultative and remedial projects involving air, water and soil, Waste management, EIA, Environmental Compliance, ISO 14001, OHSAS 18001, GHG accounting (ISO 14064) and Carbon foot printing. Pankaj Kumar is Masters in Environment Management from Forest Research Institute (University), I.C.F.R.E, Dehradun, which is Centre of Excellence in South East Asia for Forestry education & research and PGDEL from National Law School of India University, Bangalore (India).

- **Mr. Vipul Jain** holds Bachelor of Technology from VIT University Vellore in 2020. He has gained valuable work experience as a site engineer at Light House Energy

  Developers, where he was employed from May 2020 to August 2022. Vipul holds an IRCA certification as an ISO 9001 Lead Auditor, demonstrating his expertise in quality management systems. He is well-versed in ISO 14064-1, ISO 14064-2, and ISO 14064-3, which are standards for greenhouse gas accounting and reporting. Furthermore, Vipul has received training in ISO 17029 and ISO 14065, highlighting his proficiency in environmental auditing and conformity assessment. He has also

completed Clean Fuel Regulation training from Environment and Climate Change Canada, demonstrating his expertise in environmental management and sustainability.

- **Ms. Ritika Yadav**, a Chemical Engineering graduate from Government Ujjain Engineering College, Ujjain, is currently residing in Indore. She pursued her Masters in Environmental Management from Rajiv Gandhi Prodyogiki University. With a background in Foam and Mattress industry, having worked at Duroflex Pvt. Ltd., she brings over a year of experience in the climate change and Sustainability domain. During her tenure at True Quality Certifications Pvt. Ltd., an outsourced entity for LGAI Technological Center, S.A. (Spain), Ritika actively contributed to supporting audit teams. Her responsibilities included the validation and verification of project activities, both renewable and non-renewable, under various greenhouse gas (GHG) schemes such as CDM, VCS, GS, and GCC.

- **Mr. Vijayanand** is an experienced professional, a strategic HSE expert with 16 years of leadership in environmental consulting, audit, and regulatory compliance. He has successfully implemented HSE/ESG rules across Asia and Europe, managing corporate and site-level HSE functions. His roles have involved EIA, waste management, and policy development. He is leading HSE and ESG efforts at Hero Future Energies, demonstrating budgeting, due diligence, and international standard implementation skills. He has contributed to impactful projects like ESIA, renewable energy initiatives, and audits. He is also having accreditation as a Lead Auditor in CDM and Verra by various DOEs/VVBs, he is qualified by Enviance as a TL, TR and Technical expert in Secton 1.2, 3.1, 14.1.

Appendix 3. Document reviewed or referenced

No.	Author	Title	References to the document	Provider
1	NA	Communication agreement		Project Owner
2	NA	Project Concept Note		Aggregator
3	NA	Monitoring report		Aggregator
4	NA	Emission reduction sheet		Aggregator
5	NA	Declaration on avoidance of double counting		Aggregator
6	NA	Commissioning Certificates for the solar power plants		Aggregator
7	NA	Power purchase agreement		Aggregator
8	NA	Joint Meter Readings/invoices for the complete monitoring period		Aggregator
9	NA	Calibration certificates for energy meters		Aggregator
10	NA	Equipment purchase order		Aggregator

11	NA	Grid Emission factor recommended for Indian projects by UCR	Upto year 2023 - https://a23e347601d72166dcd6-16da518ed3035d35cf0439f1cdf449c9.ssl.cf2.rackcdn.com//Documents/UCRStandardAug2024updatedVer7_02082419153479752 6.pdf Year 2024 - https://medium.com/@UniversalCarbonRegistry/ucr-cou-standard-update-2024-vintage-ucr-indian-grid-emission-factor-announced-ddb790cdc603	General project eligibility criteria and guidance UCR standard version 7.0
12	UCR	UCR Program manual version 6.1 UCR COU standard version 7 UCR Verification standard version 2 UCR terms and conditions		Universal Carbon Registry
3	CDM	CDM approved methodology- ACM0002: Grid Connected electricity generation from renewable sources version 22.0		UNFCCC

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

Table 1. CLs from this Project Verification

Classification	☐ **CAR** ☒ **CL/CR** ☐ **FAR**	**Number:**	**01**
Raised by:	**Mr. Pankaj Kumar**	**Document Reference**	**PCN**
Finding Description		**Date:**	**28/11/2024**
PP to clarify the total capacity of the project as the submitted commissioning certificate showing 52.8 MW and 42.5 mentioned in the PCN. Clarification sought.			
Client/Responsible Party/Project Proponent Response		**Date:**	**05-03-2025**

PP has submitted the commissioning Certificate for 42.5 MW showing 52.8 MW and 42.5 mentioned in the PCN.		
Validation/Verification Team Assessment	**Date:**	**25/03/2025**
PP has submitted the declaration mentioning the change in capacity of the project activity. Assessment team have assessed the documents and the capacity is found to be consistent in PCN and MR version 2.0. Hence, this part of CL is closed.		

Classification	☐ **CAR** ☒ **CL/CR** ☐ **FAR**	**Number:**	**02**
Raised by:	**Mr. Pankaj Kumar**	**Document Reference**	**MR**
Finding Description		**Date:**	**28/11/2024**
PP has claimed SDG 7, 8 & 13 for the project activity. Supporting documents are to be provided for the same. Kindly submit.			
Client/Responsible Party/Project Proponent Response		**Date:**	**05-03-2025**
PP has submitted supporting document for SDG 8. PP clarifies For SDGs 7 and 13, because the project creates clean energy and reduces climate impact, we believe separate documents aren't needed. The project itself shows it meets those goals."			
Validation/Verification Team Assessment		**Date:**	**25/03/2025**
PP has submitted the documents which clarifies the claimed SDG 8 goal. PP has given clarification for SDG goal 7 & 13. All the documents have been verified by the assessment team and found to be consistent. Hence, this part of CL is closed.			

Classification	☐ **CAR** ☒ **CL/CR** ☐ **FAR**	**Number:**	**03**
Raised by:	**Mr. Pankaj Kumar**	**Document Reference**	**MR**
Finding Description		**Date:**	**28/11/2024**
PP shall submit an undertaking for no double counting for current monitoring period and for project activity has neither been registered nor seeking registration under any other GHG programs. Kindly Submit.			
Client/Responsible Party/Project Proponent Response		**Date:**	**05-03-2025**
PP has submitted the Double counting declaration that project activity has neither been registered nor seeking registration under any other GHG programs for this Monitoring Period.			
Validation/Verification Team Assessment		**Date:**	**25/03/2025**
PP has submitted an undertaking for no double counting for current monitoring period and for project activity has neither been registered nor seeking registration under any other GHG programs. Assessment team have verified the document and found to be consistent. Hence, this part of CL is closed.			

Classification	☐ **CAR** ☒ **CL/CR** ☐ **FAR**	**Number:**	**04**
Raised by:	**Mr. Pankaj Kumar**	**Document Reference**	**MR**
Finding Description		**Date:**	**28/11/2024**
1. PP shall submit meter photographs to the assessment team. 2. PP shall submit the single line diagram of the project activity.			

Client/Responsible Party/Project Proponent Response	Date:	05-03-2025
1. PP has submitted the Meter Photographs for Main meter & check meter. 2. PP has submitted the SLD connected to sub-station		
Validation/Verification Team Assessment	**Date:**	**25/03/2025**
1. The serial number of meters in submitted photographs is inconsistent with the serial number mentioned in calibration certificate. PP shall give clarification. 2. PP has not submitted the SLD. PP shall submit it. Hence, this part of CL is open.		
Client/Responsible Party/Project Proponent Response	**Date:**	**26-03-2025**
1. PP has Submitted the Meter Change report **2.** PP has submitted SLD for Yalisur Phase II .		
Validation/Verification Team Assessment	**Date:**	**01/04/2025**
1. PP has now been submitted the accurate meter photographs to the assessment team. 2. PP has submitted the SLD and the same has been verified by the assessment team. Hence, this part of CL is closed.		

Table 2. CARs from this Project Verification

Classification	☒ **CAR** ☐ **CL/CR** ☐ **FAR**	**Number:**	**01**
Raised by:	**Mr. Pankaj Kumar**	**Document Reference**	**MR**
Finding Description		**Date:**	**28/11/2024**
PP to mention technical specification of the WTG under section A.4 of the PCN and also submit supporting technical specification documents to the assessment team.			
Client/Responsible Party/Project Proponent Response		**Date:**	**05-03-2025**
PP has submitted technical specification of the WTG under section A.4 as Mentioned in the DPR. As WTG specification is clearly documented in DPR, hence separate document is not needed.			
Validation/Verification Team Assessment		**Date:**	**25/03/2025**
PP has added the details of WTG in section A.4 of PCN and the same has been verified in PCN version 2.0. PP has also submitted the supporting documents. Hence, this part of CAR is closed.			

Classification	☒ **CAR** ☐ **CL/CR** ☐ **FAR**	**Number:**	**02**
Raised by:	**Mr. Pankaj Kumar**	**Document Reference**	**PCN**
Finding Description		**Date:**	**28/11/2024**
1. PP to provide a schematic or diagram showing project boundary under section B.4. 2. PP to mention crediting period of the project under section B.9. 3. PP to indicate meter details and frequency of the calibration under section B.8. Corrective action sought.			
Client/Responsible Party/Project Proponent Response		**Date:**	**05-03-2025**

1. PP has added a schematic or diagram showing project boundary under section B.4.
2. PP has mentioned crediting period of the project under section B.9.
3. PP has added meter details and frequency of the calibration under section B.8.

Validation/Verification Team Assessment	**Date:**	**25/03/2025**

1. PP has added a schematic diagram showing project boundary under section B.4 of PCN and the same has been verified in PCN version 2.0.
2. The crediting period mentioned under section B.9 of PCN is inconsistent with that mentioned in MR. Correction sought.
3. PP has added the meter details and frequency of the calibration under section B.8 and the same has been verified in PCN version 2.0.

PP shall make corrections in point number 2 of the CAR. Hence, this part of CAR is open.

Client/Responsible Party/Project Proponent Response	**Date:**	**26-03-2025**

2.PP has Corrected the Monitoring period under section B.9 in the PCN.

Validation/Verification Team Assessment	**Date:**	**01/04/2025**

PP has made corrections in crediting period in section B.9 of PCN and is now consistent with the MR. Assessment team has verified the same in PCN version 2.0.
All the above changes are being made in PCN version 2.0. Hence, this part of CAR is closed.

Classification	☒ **CAR** ☐ **CL/CR** ☐ **FAR**	**Number:**	**03**
Raised by:	**Mr. Pankaj Kumar**	**Document Reference**	**MR**
Finding Description		**Date:**	**28/11/2024**

1. Few JMR values are inconsistent with the provided documents. Correction sought.
2. Under the cover page of the Monitoring report the values mentioned above is the values of electricity generated per year. PP to review and revise as per the updated ER.

Client/Responsible Party/Project Proponent Response	**Date:**	**05-03-2025**

1. PP has corrected values in the ER.
2. PP has revised the ER value as per the updated ER.

Validation/Verification Team Assessment	**Date:**	**25/03/2025**

1. PP has not done corrections in JMR values. Correction sought.
2. Under the cover page of the Monitoring report the values mentioned above is the values of electricity generated per year. PP to review and revise as per the updated ER.

Hence, this part of CAR is open.

Client/Responsible Party/Project Proponent Response	**Date:**	**26-03-2025**

1. PP has Corrected the JMR values in the ER sheet.
2. PP has revised all the values each year as per updated ER.

Validation/Verification Team Assessment	**Date:**	**01/04/2025**

1. PP has corrected the JMR values and the same has been verified in revised excel sheet.
2. PP has revised the values of actual emission reduction and net energy generation in MR.

Assessment team has verified this in MR version 2.0 and found consistent with the excel sheet. Hence, this part of CAR is closed.

Classification	☒ **CAR** ☐ **CL/CR** ☐ **FAR**	**Number:**	**04**
Raised by:	**Mr. Pankaj Kumar**	**Document Reference**	**MR**
Finding Description		**Date:**	**28/11/2024**
Under section C.10, 1. Egy,net parameter is inconsistent. 2. Detailed explanation of the monitoring frequency is missing. 3. Cross checking process is not mentioned in measurement procedure column. Corrective action sought.			
Client/Responsible Party/Project Proponent Response		**Date:**	**05-03-2025**
PP has corrected the 1. Egy,net parameter. 2. PP has explained the monitoring frequency. 3. PP has added Cross checking process in measurement procedure column.			
Validation/Verification Team Assessment		**Date:**	**25/03/2025**
1. PP has corrected the parameter in MR but it is not corrected in PCN. 2. PP has not explained the monitoring frequency. 3. PP has added the Cross-checking process in measurement procedure column. PP shall make corrections in point no. 1 and 2 of this CAR. Hence, this part of CAR is open.			
Client/Responsible Party/Project Proponent Response		**Date:**	**26-03-2025**
1. PP has corrected the parameter Egy,net in MR and PCN. 2. PP has explained the monitoring frequency is– Monthly.			
Validation/Verification Team Assessment		**Date:**	**01/04/2025**
1. PP has corrected the parameter in MR and in PCN. The same has been verified in MR and PCN version 2.0 2. PP has explained the monitoring frequency in MR version 2.0 3. PP has added the Cross-checking process in measurement procedure column. Hence, this part of CAR is closed.			

Classification	☒ **CAR** ☐ **CL/CR** ☐ **FAR**	**Number:**	**05**
Raised by:	**Mr. Pankaj Kumar**	**Document Reference**	**MR**
Finding Description		**Date:**	**25/03/2025**

1. Monitoring period in years is inconsistent with the monitoring date. Correction sought. 2. PP shall revise estimated emission reduction as the first issuance period is extended to 2024. Correction sought.		
Client/Responsible Party/Project Proponent Response	**Date:**	**26-03-2025**
1. PP has Updated Monitoring Period in MR/PCN. 2. PP has Revised All the values each year, first issuance period is extended to 2024 has been updated in PCN/MR.		
Validation/Verification Team Assessment	**Date:**	**01/04/2025**
1. PP has made corrections in monitoring period and date and it is found consistent in entire MR. Assessment team has verified the same in MR version 2.0 2. PP has revised estimated emission reductions and the same has been verified in PCN and MR version 2.0 Hence, this part of CAR is closed.		

Classification	☒ **CAR** ☐ **CL/CR** ☐ **FAR**	**Number:**	**06**
Raised by:	**Mr. Pankaj Kumar**	**Document Reference**	**MR**
Finding Description		**Date:**	**25/03/2025**
PP shall add latitude and longitude of each location in MR.			
Client/Responsible Party/Project Proponent Response		**Date:**	**26-03-2025**
PP has added Lat/Long in MR.			
Validation/Verification Team Assessment		**Date:**	**01/04/2025**
PP has added latitude and longitude of each location in MR and the same has been verified in MR version 2.0. Hence, this part of CAR is closed.			

Table 3. FARs from this Project Verification

~~**FAR ID**~~	~~xx~~	~~**Section no.**~~		~~**Date:** DD/MM/YYYY~~
~~**Description of FAR**~~				
~~**Project Owner's response**~~				~~**Date:** DD/MM/YYYY~~
~~**Documentation provided by Project Owner**~~				
~~**UCR Project Verifier assessment**~~				~~**Date:** DD/MM/YYYY~~