

# NATURELINK SOLUTIONS PRIVATE LIMITED

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Email: [audit@thenaturelink.in](mailto:audit@thenaturelink.in)

## Verification Report UCR ID: 329



<b>Title</b>	<b>4.5 MW Solar Power Plant by M/s Bhagwati Autocast Ltd.</b>
<b>Project Proponent</b>	<b>M/s Bhagwati Autocast Ltd.</b>
<b>Project Location</b>	<b>At: Bamnoli, Ta:Santalpur, Dist:Patan, State: Gujarat, India</b>
<b>Verified By</b>	<b>Mr. Shyam Mandliya, GHG Auditor Email: <a href="mailto:audit@thenaturelink.in">audit@thenaturelink.in</a> Contact: +91- 7574804497, Naturelink Solutions Pvt. Ltd.</b>
<b>Date</b>	<b>06/07/2023</b>

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<b>COVER PAGE</b>	
<b>Project Verification Report Form (VR)</b>	
<b>BASIC INFORMATION</b>	
<b>Name of approved UCR Project Verifier / Reference No.</b>	Naturelink Solutions Pvt. Ltd
<b>Type of Accreditation</b>	<input type="checkbox"/> CDM Accreditation <input type="checkbox"/> ISO 14065 Accreditation <input checked="" type="checkbox"/> UCR Approved Verifier
<b>Approved UCR Scopes and GHG Sectoral scopes for Project Verification</b>	Sectoral Scope: 01 Energy Industries
<b>Validity of UCR approval of Verifier</b>	May - 2022 onwards
<b>Completion date of this VR</b>	06/07/2023
<b>Title of the project activity</b>	4.5 MW Solar Power Plant by M/s Bhagwati Autocast Ltd..
<b>Project reference no. (as provided by UCR Program)</b>	329
<b>Name of Entity requesting verification service</b>	Creduce Technologies Private Limited (Aggregator)
<b>Contact details of the representative of the Entity, requesting verification service</b> (Focal Point assigned for all communications)	Shailendra Singh Rao Mobile: +91-9016850742 Address: 2-O-13,14 Housing Board Colony, Banswara, Rajasthan - 327001, India.
<b>Country where project is located</b>	India
<b>Applied methodologies</b>	AMS-I.D.: "Grid connected renewable electricity generation", version 18


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<p><b>Project Verification Criteria:</b> Mandatory requirements to be assessed</p>	<ul style="list-style-type: none"> <li><input checked="" type="checkbox"/> UCR Verification Standard</li> <li><input checked="" type="checkbox"/> Applicable Approved Methodology</li> <li><input type="checkbox"/> Applicable Legal requirements /rules of the host country</li> <li><input checked="" type="checkbox"/> Eligibility of the Project Type</li> <li><input checked="" type="checkbox"/> Start date of the Project activity</li> <li><input checked="" type="checkbox"/> Meet applicability conditions in the applied methodology</li> <li><input checked="" type="checkbox"/> Credible Baseline</li> <li><input checked="" type="checkbox"/> Do No Harm Test</li> <li><input checked="" type="checkbox"/> Emission Reduction calculations</li> <li><input checked="" type="checkbox"/> Monitoring Report</li> <li><input checked="" type="checkbox"/> No GHG Double Counting</li> <li><input type="checkbox"/> Others (please mention below)</li> </ul>
<p><b>Project Verification Criteria:</b> Optional requirements to be assessed</p>	<ul style="list-style-type: none"> <li><input checked="" type="checkbox"/> Environmental Safeguards Standard and do-no-harm criteria</li> <li><input type="checkbox"/> Social Safeguards Standard do-no-harm criteria</li> </ul>
<p><b>Project Verifier’s Confirmation:</b> The <i>UCR Project Verifier</i> has verified the UCR project activity and therefore confirms the following:</p>	<p>The UCR-approved verifier Naturelink Solution Pvt. Ltd., verifies the following with respect to the UCR Project Activity “4.5 MW Solar Power Plant by M/s Bhagwati Autocast Ltd.”</p> <ul style="list-style-type: none"> <li><input checked="" type="checkbox"/> The project aggregator has correctly described the project activity in the Project Concept Note (dated 11/05/2023) including the applicability of the approved methodology A.M.S I. D 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.</li> </ul>

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	<p><input checked="" type="checkbox"/> The project activity is likely to generate GHG emission reductions amounting to the estimated 4,871 tCO<sub>2</sub>e, as indicated in the monitoring report, 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.</p> <p><input checked="" type="checkbox"/> The project activity is not likely to cause any net-harm to the environment and/or society</p> <p><input checked="" type="checkbox"/> The project activity complies with all the applicable UCR rules and therefore recommends UCR Program to register the Project activity with above mentioned labels.</p>
<b>Project Verification Report, reference number and date of approval</b>	Verification Report UCR  Project ID: 329  Date: 06/07/2023
<b>Name of the authorised personnel of UCR Project Verifier and his/her signature with date</b>	  Mr. Shyam Mandliya GHG Auditor Naturelink Solution Pvt. Ltd. Date: 06/07/2023

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## 1. Project Verification Report

### 1.1 Executive Summary

The verification work has been contracted by project aggregator Creduce Technologies Pvt Ltd to perform an independent verification of its UCR project titled “**4.5 MW Solar Power Plant by M/s Bhagwati Autocast Ltd.**”, UCR approved project ID:329, to establish a number of CoUs generated by the project over the crediting period from 28/03/2022 to 31/12/2022 (both days included).

Verification for the period: 28/03/2022 to 31/12/2022

In my opinion, the total GHG emission reductions over the crediting / verification period stated in the Monitoring Report (MR), submitted to me are found to be correct and in line with the UCR guidelines. The GHG emission reductions were calculated on the basis of UCR guideline which draws reference from, the standard baseline, AMS. I. D – Grid connected renewable electricity generation (Version 18.0). As per the UCR guidelines, the verification was done remotely by way of video calls, phone calls, and submission of documents for verification through emails.

I am able to certify the emission reductions from the 4.5 MW Solar Power Plant by M/s Bhagwati Autocast Ltd. (UCR ID – 329) for the period 28/03/2022 to 31/12/2022 amounts to **4,871 CoUs (4,871 tCO<sub>2</sub>e)**.

#### Scope

The scope of the verification is the independent, objective review and ex-post determination of the monitored reductions in GHG emission by the project activity.

1. The quality of data management and records of underlying data;
2. Completeness and accuracy of calculations and baseline emission reports;
3. Proper inclusion and documentation of all project locations,
4. Correct application of offset rules for filling Baseline Period data gaps;
5. Other data, methods, and procedures deemed necessary to establish the accuracy of emission reductions.
6. Agreement stating assurance to avoid double accounting for the project to be verified, along with required proof.

The project is assessed against the requirements of the UCR program verification guidance document, UCR Standard, UCR Program Manual, and related rules and guidelines. Due professional care has been exercised and ethical conduct has been followed by the assessment team during the verification process. The verification report is a fair presentation of the verification activity. The validation of the project is not part of the present assignment and project is deemed validated post-registration by UCR.

### 1.2 Description of the Project

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The proposed project is renewable power generation activity which incorporates installation and operation of 4.5 MW Small Scale Solar Power Project, which is a grid connected solar power project located in the district Patan, in the state of Gujarat, in India. The purpose of the proposed project activity is to generate electricity using a clean and renewable source of energy i.e., solar radiation for captive consumption.

The details of the project activity are verified with the project report copy submitted for verification.

Type	Latitude	Longitude	Village	Taluka	District
Ground mounted	23°48'32.3"N	71°20'48.5"E	Bamnoli	Santalpur	Patan

The technical specification is listed below;

Parameter	Description
Total number of Photovoltaic Modules	8333
Rating of Photovoltaic Module	540 Wp
Module make	Waaree
Technology	Polycrystalline
No. of Inverter	03
Inverter make/Rating	Fimer / central
Energy meter	Accuracy class-0.2 s
PV Connectors	MC4 type, 1500VDC, IP68
Energy meter make	L&T/ URD 0974
Rated rotational speed	29 rpm

As mentioned in the monitoring report and emission reduction calculation sheet submitted for verification, the project replaces anthropogenic emissions of greenhouse gases (GHGs) estimated to be approximately **4,871 tCO<sub>2</sub>e** for the said period under verification, there on displacing **5413.14 MWh** amount of electricity from the generation mix of power plants connected to the Indian electricity grid, which is mainly dominated by the fossil-fuel based power plant.

The project activity is a grid-connected renewable energy generation project having a capacity of less than 15 MW. The project is a small-scale activity. The methodology applied in the monitoring report is verified against the A.M.S I. D “Grid connected renewable electricity generation” version 18.0.

Verified total emission reductions (ERs) achieved through the project activity during the monitoring period is summarised below:

Summary of the Project Activity and ERs Generated for the Monitoring Period	
Start date of this Monitoring Period	28/03/2022



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Carbon credits claimed up to	31/12/2022
Total ERs generated (tCO <sub>2</sub> e)	4,871
Leakage Emission	0
Project Emission	0

## 1.3 Project Verification team, technical reviewer and approver:

Sr. No	Role	Last name	First name	Affiliation	Involvement in		
					Doc review	Off-Site inspection	Interviews
1.	Technical Reviewer	Amin	Shardul	Lead Verifier, Naturelink Solutions Pvt Ltd.	Yes	No	No
2.	GHG Auditor & Technical Expert	Mandliya	Shyam	Lead Verifier, Naturelink Solutions Pvt Ltd.	Yes	No	Yes

## 1.4 Means of Project Verification

### 1.4.1 Desk/document review

The project documents submitted to UCR-approved verifier Naturelink Solution Pvt. Ltd. was reviewed and verified by the GHG Auditor and Technical Reviewer. The documents reviewed involves verification of the legal status of individual project owner for consistency, project-related documents like installation and commissioning of equipment used in project activity, environmental clearances from state or central pollution control board, monitoring related equipment/measuring instruments and their calibration records, to establish the running of equipment for the crediting period, etc.

The PCN & MR is made available to the verifier post approval by UCR which is considered as validated documents and the content of validated PCN & MR is considered as record wherever required. Further, the communication agreement made between the project owner and project aggregator is a document of the UCR registry hence the project aggregator is treated as an authorized representative of the project owner. All the documents submitted by the project aggregator to the verifier are treated as documents submitted on behalf of the project owner.

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The list of submitted documents is available in a subsequent section of this verification report under the section “Document reviewed or referenced”-section I.

## 1.4.2 Onsite Inspection - Not applicable

Date of off-site inspection: DD/MM/YYYY to DD/MM/YYYY	Not applicable as per UCR guideline site visit not conducted for this verification activity.		
No.	Activity performed Off-Site	Site location	Date

## 1.4.3 Interviews: Telephonic and mail.

As per UCR guideline, the site visit was not conducted during the course of verification and only interviews are conducted.

No.	Interview			Date	Subject
	Last name	First name	Affiliation		
1.	Sheth	Dinesh	CFO	29/06/2023	Project overview, Inverter details, JMRs, and Calibration Report
2.	Prajapati	Kishan	AGM (BD) - Creduce Technologies Pvt. Ltd.	29/06/2023	Project Overview, PCN, Overview

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## 1.4.4 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
<b>Green House Gas (GHG)</b>			
Identification and Eligibility of project type	NIL	NIL	NIL
General description of project activity	01	NIL	NIL
Application and selection of methodologies and standardized baselines	--	--	--
<ul style="list-style-type: none"> <li>Application of methodologies and standardized baselines</li> </ul>	NIL	NIL	NIL
<ul style="list-style-type: none"> <li>Deviation from methodology and/or methodological tool</li> </ul>	NIL	NIL	NIL
<ul style="list-style-type: none"> <li>Clarification on applicability of methodology, tool and/or standardized baseline</li> </ul>	NIL	NIL	NIL
<ul style="list-style-type: none"> <li>Project boundary, sources and GHGs</li> </ul>	NIL	NIL	NIL
<ul style="list-style-type: none"> <li>Baseline scenario</li> </ul>	NIL	NIL	NIL
<ul style="list-style-type: none"> <li>Estimation of emission reductions or net anthropogenic removals</li> </ul>	NIL	NIL	NIL
<ul style="list-style-type: none"> <li>Monitoring Report</li> </ul>	01	NIL	NIL
Start date, crediting period and duration	NIL	NIL	NIL
Environmental impacts	NIL	NIL	NIL
Project Owner- Identification and communication	NIL	NIL	NIL
Others (please specify)	NIL	NIL	NIL
<b>Total</b>	02	NIL	NIL

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## 2 Project Verification findings

### 2.1 Identification and eligibility of project type

<b>Means of Project Verification</b>	The project has taken the reference of CDM methodology AMS-I D, version 18 Grid Connected Renewable Electricity Generation.
<b>Findings</b>	<ol style="list-style-type: none"><li>1. Project activity is described through UCR-approved PCN.</li><li>2. UCR project communication agreement clearly defines the Project Proponent and Project Aggregator.</li></ol>
<b>Conclusion</b>	<p>The UCR-approved format is used for description and the project meets the requirement of the UCR verification standard and UCR project standard.</p> <p>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.</p> <p>The project activity is overall meeting the requirements of the UCR Verification standard and UCR project standard.</p>

### 2.2 General description of project activity

<b>Means of Project Verification</b>	The project activity involves the operation of 4.5 MW of ground mounted solar power project and its commissioning date was verified through the commissioning certificate of the project. The power evacuation at the substation is confirmed by the Certificate for Share of Electricity.
<b>Findings</b>	<p>CL 01: Geographical coordinates does not show the solar panels installed there.</p> <p>The project commissioning date is verified in accordance with the commissioning certificate.</p>
<b>Conclusion</b>	CL 01 Closed: Project Proponent has provided the photo of the solar plant mentioning geographical coordinates.

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	The description of the project activity is verified to be true based on the review of PCN, MR, Commissioning Certificate, and Purchase Order Copies.
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## 2.3 Application and selection of methodologies and standardized baselines

### 2.3.1 Application of methodology and standardized baselines

<b>Means of Project Verification</b>	The project has taken the reference of CDM methodology A.M.S I.D. CDM website is referred to check the latest version of the methodology. For the applicability mentioned in the PCN and MR, solar panel & inverter specification, and commissioning certificate.
<b>Findings</b>	The methodology applied is applicable to the project activity.
<b>Conclusion</b>	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.

### 2.3.2 Clarification on applicability of methodology, tool, and/or standardized baseline

<b>Means of Project Verification</b>	The documents reviewed are A.M.S I. D “Grid connected renewable electricity generation” version 18, UCR Program standard, and UCR Verification Standard.
<b>Findings</b>	The emission factor (=0.9 tCO <sub>2</sub> /MWh) is taken as per the UCR standard.
<b>Conclusion</b>	The emission factor considered for the calculation of the emission reductions is verified with the UCR Program Standard. The total installed electrical energy generation capacity of the project equipment does not exceed 15 MW thus meeting the requirement of small-scale projects.

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## 2.3.3 Project boundary, sources and GHGs

<b>Means of Project Verification</b>	Desk review and interviews, Letter from CPCB dated 07/03/2016 No. B-29012/ESS(CPA)/2015-16. PCN section B.4.
<b>Findings</b>	None
<b>Conclusion</b>	The project boundary is correctly defined in the PCN. GHG source correctly identified and reported. The project meets the requirements of UCR project standard, Verification standard, and methodology requirements for a boundary, GHG source.

## 2.3.4 Baseline scenario

<b>Means of Project Verification</b>	MR Section-A 1.5, General Project Eligibility Criteria and Guidance, UCR Standard.
<b>Findings</b>	None
<b>Conclusion</b>	The baseline scenario is appropriately described. The calculated baseline emission for each vintage year of crediting period is rounded down as per UCR standard.

## 2.3.5 Estimation of emission reductions or net anthropogenic removal

<b>Means of Project Verification</b>	State Energy Account Under ABT, General Project Eligibility Criteria and Guidance, calibration report, and UCR Standard, page 4.														
<b>Findings</b>	None														
<b>Conclusion</b>	<p>State Energy Account Under ABT is considered an acceptable document to check actual energy generation for each month</p> <p>The energy generation was also cross-checked with the calculation sheet, and electricity bills.</p> <table border="1" data-bbox="454 1709 1321 1854"> <thead> <tr> <th>Year</th> <th>EGpy (MWh)</th> <th>EFgrid,y</th> <th>ERs</th> </tr> </thead> <tbody> <tr> <td>2022</td> <td>5413.14</td> <td>0.9</td> <td>4871</td> </tr> <tr> <td colspan="3">ER (tCO<sub>2</sub>e) for the year 2022</td> <td>4,871</td> </tr> </tbody> </table>			Year	EGpy (MWh)	EFgrid,y	ERs	2022	5413.14	0.9	4871	ER (tCO <sub>2</sub> e) for the year 2022			4,871
Year	EGpy (MWh)	EFgrid,y	ERs												
2022	5413.14	0.9	4871												
ER (tCO <sub>2</sub> e) for the year 2022			4,871												

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## 2.3.6 Monitoring Report

<b>Means of Project Verification</b>	MR, State Energy Account Under ABT, power purchase agreement, and general project eligibility criteria and guidance, <u>UCR</u> standard, page 4, meter calibration report.						
<b>Findings</b>	CL 02: UCR ID is incorrect in MR.						
<b>Conclusion</b>	<p>CL 02 closed: UCR ID is corrected.</p> <p>Meter Calibration details are as below:</p> <table border="1"><thead><tr><th>Meter Sr. no.</th><th>Calibration date</th></tr></thead><tbody><tr><td>URD-0974</td><td>19/03/2022</td></tr><tr><td>URD-0975</td><td>21/03/2022</td></tr></tbody></table> <p>As per Central Electricity Authority (Installation and Operation of Meters) (Amendment) Regulations, 2019 clause 14 (i)-b “All Interface Meters shall be tested on-site using accredited test laboratory for routine accuracy testing at least once in five years and recalibrated if required.</p> <p>Calibration reports of the meters provided by PP certify that errors are within permissible limits and details are mentioned below.</p> <p>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 emission factor for electricity is as per UCR standard. In the monitoring report, emission reduction calculations are correctly calculated and reported. The monitoring report meets the requirements of UCR project verification requirements.</p>	Meter Sr. no.	Calibration date	URD-0974	19/03/2022	URD-0975	21/03/2022
Meter Sr. no.	Calibration date						
URD-0974	19/03/2022						
URD-0975	21/03/2022						

## 2.4 Start date, crediting period and duration

<b>Means of Project Verification</b>	PCN and MR, purchase order of solar panels, inverters and technical Specification sheet, commissioning certificate, and detailed project report documents were referred.
<b>Findings</b>	None.

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<b>Conclusion</b>	<p>The start date, crediting period and project duration are reported correctly and this meets the requirements of the UCR verification standard and UCR project standard.</p> <p>The start date: 28/03/2022</p> <p>Crediting period: 28/03/2022 to 31/12/2022</p>
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## 2.5 Positive Environmental impacts

<b>Means of Project Verification</b>	PCN
<b>Findings</b>	The declared information is correct and verified
<b>Conclusion</b>	The project is a renewable energy project and reduces the environmental burden by reducing the dependence on fossil fuel-based power plants.

## 2.6 Project Owner- Identification and communication

<b>Means of Project Verification</b>	PCN, communication agreement, MR, purchase order of solar panel & inverters, commissioning certificate, power purchase agreement/wheeling agreement.
<b>Findings</b>	The declared information is correct and verified.
<b>Conclusion</b>	<p>The project owner was identified through a communication agreement signed between PP and PA. Equipment purchase order and commission verified. Also, a legal document like Power Purchase Agreement/ Wheeling Agreement clearly establishes the project owner. The identification and communication correctly meet the requirement of project verification and UCR project standard.</p> <p>Project owner details;</p> <p>Name: M/s Bhagwati Autocast Ltd.</p> <p>Address: Survey no. 816, Village Rajoda, Near Bavla, Dist. Ahmedabad 382220, Gujarat, India.</p>

## 2.7 Positive Social Impact



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<b>Means of Project Verification</b>	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.
<b>Findings</b>	--
<b>Conclusion</b>	Project has overall positive social impact.

## 2.8 Sustainable development aspects (if any)

<b>Means of Project Verification</b>	Not Applicable
<b>Findings</b>	--
<b>Conclusion</b>	The Project has the capability to address SDG 7 Affordable and Clean Energy and SDG 13 Climate Action

## 2.9 Others (if any)

<b>Means of Project Verification</b>	Not Applicable
<b>Findings</b>	--
<b>Conclusion</b>	--

### 3 Internal quality control:

- 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 aggregator or project owner directly or indirectly.
- Verification team consists of experienced personnel.
- Technical review is performed by an independent person.

### 4 Project Verification opinion:

Considering the above-mentioned verification conducted on the basis of UCR Protocol, which draws reference from UCR Protocol Standard Baseline, AMS.I.D – Grid connected renewable electricity generation (Version 18.0), the documents submitted during the verification including the data, PPA, Purchase order, Calibration Report, Commissioning Certificate, Project Concept Note (PCN), Monitoring Report (MR), based on that we have raised 2 Clarification requests and they were verified and closed satisfactorily.

I am able to certify that the emission reductions from the project – 4.5 MW Small Scale Solar Power Project by M/s Bhagwati Autocast Ltd. (UCR ID – 329) for the period 28/03/2022 to 31/12/2022 amounts to 4,871 CoUs (4,871 tCO<sub>2</sub>e).

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## 5 Competence of team members and technical reviewers

No.	Last name	First name	Affiliation	Technical Competence
1.	Mandliya	Shyam	GHG Auditor and Technical Expert	Mr. Shyam Mandliya is having M.E in Chemical Engineering. He has expertise in environmental audits. He has performed environmental monitoring of different industries in Gujarat for air, water, and hazardous waste. He has also contributed to the community-based biogas project development
2.	Amin	Shardul	Technical Reviewer	Mr. Shardul Amin is a post-graduate having M. Tech in Thermal System Design. He has more than 7 years of experience in the field of waste-to-energy, thermochemical conversion technologies, and emission study. He has previously performed GHG Verification of more than 50 GHG emission reduction projects on UCR.

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## Appendix 1: Abbreviations

Abbreviations	Full texts
UCR	Universal Carbon Registry
CPCB	Central Pollution Control Board
CEA	Central Electricity Authority
GETCO	Gujarat energy Transmission Corporation Ltd
UGVCL	Uttar Guarat Vij Company Ltd
MR	Monitoring report
PCN	Project Concept Note
VR	Verification Report
VS	Verification Statement
DAA	Avoidance of Double Accounting Agreement
COD	Commercial Operation Date
PP/PO	Project Proponent / Project Owner
PA	Project Aggregator
PPA	Power Purchase Agreement
ER	Emission Reduction
CoUs	Carbon offset Units.
tCO <sub>2e</sub>	Tons of Carbon Dioxide Equivalent
kWh	Kilo-Watt Hour
MWh	Mega-Watt Hour
kW	Kilo-Watt
MW	Mega-Watt
CDM	Clean Development Mechanism
SDG	Sustainable Development Goal
CAR	Corrective Action Request
CL	Clarification Request
FAR	Forward Action Request
GHG	Green House Gas
PV	Photovoltaic
SPV	Solar Photovoltaic

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## Appendix 2: Document reviewed or referenced

No.	Author	Title	Provider
1	UCR	Communication agreement	PA
2	Creduce	Project Concept Note	PA
3	Creduce	Monitoring report	PA
4	Creduce	Avoidance of double accounting	PA
5	Creduce	Emission reduction excel	PA
6	GETCO	State Energy Account Under ABT (2022)	PA
7	GEDA	Commissioning certificate	PA
8	UGVCL & PP	Power purchase agreement/wheeling agreement	PA
9	PP	Purchase order of solar panels	PA
10	PP	Purchase order of solar inverter	PA
11	CEA	Central Electricity Authority (Installation and Operation of Meters) (Amendment) Regulations, 2019	-
13	Hi-Tech Meter Laboratory	Calibration reports	PA
14	DAA	Double accounting agreement	PA

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## Appendix 3: Clarification request, corrective action request and forward action request

Table 1. CLs from this Project Verification

<b>CL ID</b>	O1	<b>Section no.:</b>	2.2 General description of project activity	<b>Date:</b> 27/06/2023
<b>Description of CL</b>				
<i>Geographical coordinates do not show the solar panels installed there.</i>				
<b>Project Owner's response</b>				<b>Date:</b> 05/07/2023
<i>Photo of solar plant mentioning Geographical Coordinates is provided.</i>				
<b>Documentation provided by Project Owner</b>				
<i>Plant photo mentioning geographical coordinates.</i>				
<b>UCR Project Verifier assessment</b>				<b>Date:</b> 06/07/2023
<i>Plant photo mentioning geographical coordinates is checked and verified.</i>				

<b>CL ID</b>	O2	<b>Section no.:</b>	2.3.6. Monitoring report	<b>Date:</b> 27/06/2023
<b>Description of CL</b>				
<i>In the Basic information section of MR, UCR ID is incorrect.</i>				
<b>Project Owner's response</b>				<b>Date:</b> 05/07/2023
<i>UCR id corrected.</i>				
<b>Documentation provided by Project Owner</b>				
<i>Monitoring report version 2.0</i>				
<b>UCR Project Verifier assessment</b>				<b>Date:</b> 06/07/2023
<i>UCR ID updated in MR and found to be correct</i>				

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**Table 2. CARs from this Project Verification**

CAR ID	Section no.	Date:
Description of CAR		
Project Owner's response		Date:
Documentation provided by Project Owner		
UCR Project Verifier assessment		Date:

**Table 3. FARs from this Project Verification**

FAR ID	--	Section no.	Date:
Description of FAR			
Project Owner's response			Date:
Documentation provided by Project Owner			

## Annexure I: Photographs of the Power Plant



Figure 1 - Project Activity



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Figure 2 - Meter photo of URD 0974 &



Figure 3 - Meter photo of URD 0975

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
	<b>GEDA</b> ગુજરાત ઊર્જા વિકાસ એજન્સી GUJARAT ENERGY DEVELOPMENT AGENCY A Government of Gujarat Organisation	
<b>BY RPAD</b>		
GEDA/SOL-139/2022/05/OW/823		Date: May 25, 2022
<b>CERTIFICATE OF COMMISSIONING</b>		
<p>This is to certify that <b>M/s. Bhagwati Autocast Ltd.</b>, Survey no.816, Rajoda, Near Bavla, At- Rajoda, Ta- Ahmedabad, Dist.- Ahmedabad has installed and commissioned <b>3135 kW(AC)/ 4499.82 kW(DC)</b> capacity Solar Power Plant at Plot no.2, Survey no.159/1, 159/3, Village- Bamroli, Ta- Santalpur, Dist.- Patan on 28-03-2022 along with the associated equipment as per following details.</p>		
GEDA Registration No.	GMSPVINDGEDA19082021-139	
Capacity of Solar Power Project	3135 kW(AC)/ 4499.82 kW(DC)	
SPV Modules- Type / Make	MonoPERC / Waaree	
Nos. of Photovoltaic Modules / Rating	8333 / 540 Wp	
Inverters- Type / Make	Central / Fimer	
Nos. of Inverter / Rating	03 / 1045 kW	
ABT Meter- Make / Serial no.	L&T / URD 0974	
Name of Substation	66 kV GETCO S/s, Bamroli	
<p>The commissioning of the Ground Mounted Solar PV System has been carried out; the ABT meter has been installed.</p>		
		For Gujarat Energy Development Agency  <b>(Hitesh Mehta)</b> Asst. Project Executive
<p>To: ✓ <b>M/s. Bhagwati Autocast Ltd.</b> Survey no.816, Rajoda, Near Bavla, At- Rajoda, Ta- Ahmedabad, <b>Dist.- Ahmedabad- 382220</b></p>		
<p>Cc to:(1) Chief Engineer ( OP), Uttar Gujarat Vij Company Limited (UGVCL), Visnagar Road, Mehsana Mehsana – 384 001</p>		
<p>(2)Chief Engineer, State Load Dispatch Centre (SLDC) GETCO, 132kV Gotri Sub Station Compound, Opp. Kalpvruj building, Near T.B. Hospital, Gotri Road, Vadodara - 390 021</p>		
<p>સાચો માન, સાચો વા. ૧૧ લાખ ૧૨ લાખ ૨૦૨૦-૧૧, ગાંધીનગર - ૩૮૨ ૦૧૭. 4th Floor, Block No. 11-12, Udhogbhavan, Sector-11, Gandhinagar-382017, India.</p>		<p>Ph. : 079-232 57251-53 Fax : +91 79 232-47097, 57255 e-mail : <a href="mailto:director@geda.org.in">director@geda.org.in</a> <a href="http://www.geda.gujarat.gov.in">www.geda.gujarat.gov.in</a></p>

Figure 4 - Commissioning certificate

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Figure 5 – Inverter Photos

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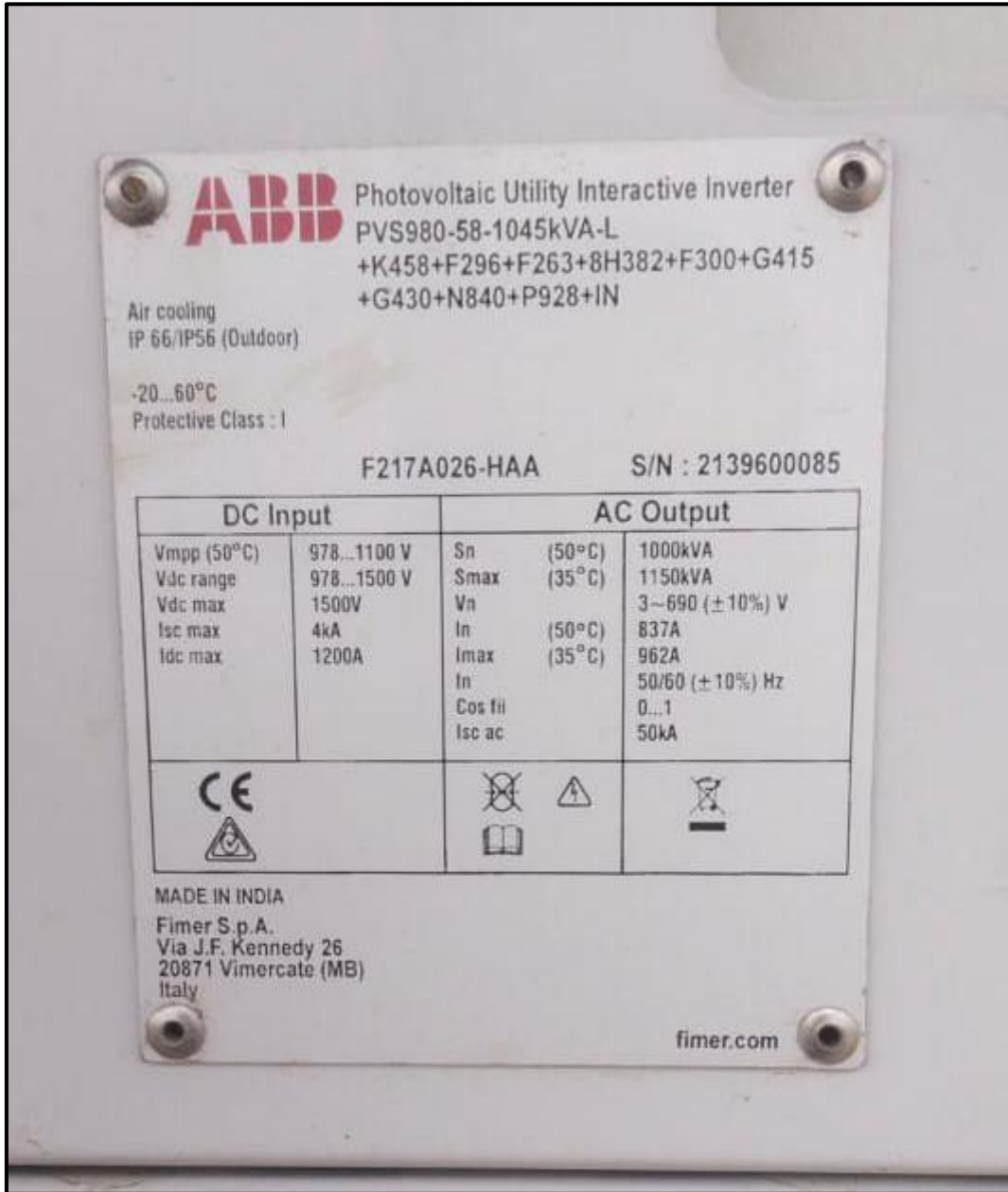


Figure-6 – Inverter specification



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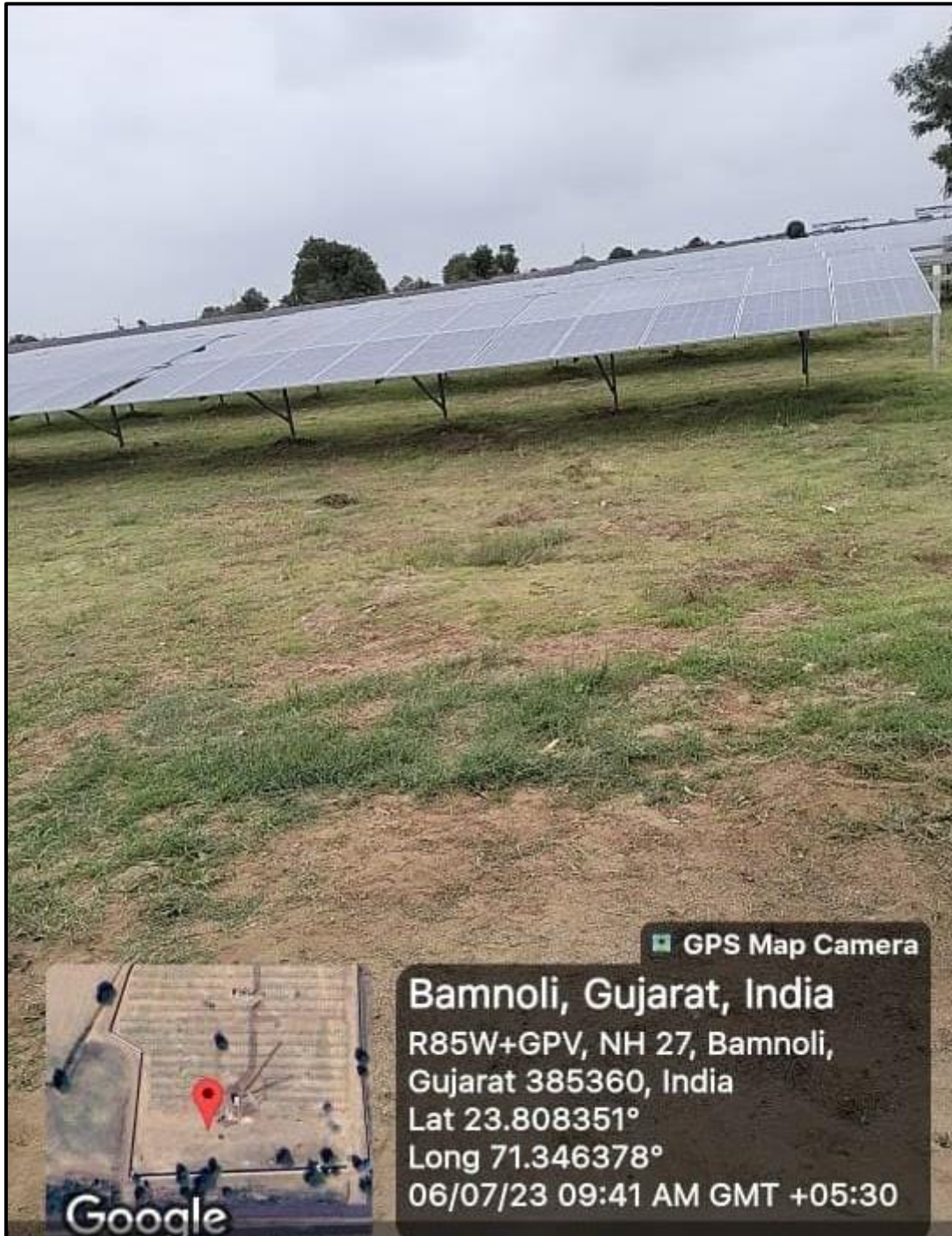


Figure-7 - Google map photo of solar plant