Jayprakash Jethi
Energy Auditor
+91 97142 53756

Verification Report for

UCR ID No. 334

DESCRIPTION	DATA
Project Owner Name:	**M/s. 7.1 MW Captive Power Plant At M/s Prakash Sponge Iron & Power Private Ltd (PSIPL)**
Project Location:	Village: Heggere
	District: Chitradurga - 577522
	State – Karnataka, India
	76°40'5.448" E and 14°09'11.556" N.
Project Proponent:	M/s Prakash Sponge Iron & Power Private Ltd - Karnataka
Scale of the project activity	Small Scale
Date	26th Dec -2023

DESCRIPTION	DATA
Verification Firm:	**Limbaja Energy**
	2 Shrijinagar, Arihantnagar Road,
	Nr. Aashapura cottages,
	Bhuj-Kachchh-370001
	M : 9714253756
	limbajaenergy@gmail.com
Team Details:	Mr. Jayprakash Jethi
	Mr. Tamizahemad Rayma

Jayprakash Jethi
Energy Auditor
+91 97142 53756

COVER PAGE Project Verification Report Form (VR)	
BASIC INFORMATION	
Name of approved UCR Project Verifier / Reference No.	**Limbaja Energy**
Type of Accreditation	☐ CDM or other GHG Accreditation ISO 14065 Accreditation ☒ UCR Approved
Approved UCR Scopes and GHG Sectoral scopes for Project Verification	04 Manufacturing industries (Renewable/Non-renewable sources)
Validity of UCR approval of Verifier	Aug-2022 onwards
Completion date of this VR	26th Dec 2023
Title of the project activity	**7.1 MW Captive Power Plant At M/s Prakash Sponge Iron & Power Private Ltd (PSIPL)**
Project reference no. (as provided by UCR Program)	334

H.O : 2, Shrijinagar, Arihantnagar road, Nr. Aashapura Cottages, Bhuj-Kachchh- 370 001.
E: limbajaenergy@gmail.com W: limbajaenergy.com

Jayprakash Jethi
Energy Auditor
+91 97142 53756

Name of Entity requesting verification service (can be Project Owners themselves or any Entity having authorization of Project Owners, example aggregator.)	M/s Prakash Sponge Iron & Power Private Ltd- Karnataka.
Contact details of the representative of the Entity, requesting verification service (Focal Point assigned for all communications)	**M/s Prakash Sponge Iron & Power Private Ltd - Karnataka.** vikas.k@ermgroup.in 88673 03941
Country where project is located	India
Applied methodologies (approved methodologies by UCR Standard used)	AMS-III.Q: Waste Energy Recovery, version 6.1
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

H.O : 2, Shrijinagar, Arihantnagar road, Nr. Aashapura Cottages, Bhuj-Kachchh- 370 001.
E: limbajaenergy@gmail.com W: limbajaenergy.com

Jayprakash Jethi
Energy Auditor
+91 97142 53756

	☒ 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 ***Limbaja Energy*** certifies the following with respect to the UCR Project Activity "7.1 MW Captive Power Plant At M/s Prakash Sponge Iron & Power Private Ltd (PSIPL)" ☒ The Project Owner has correctly described the Project Activity in the Project Concept Note Version 3.0 (dated 14th Nov 2023) including the applicability of the approved methodology **AMS-III.Q: Waste Energy Recovery, version 6.1** & UCR Standard for Emission Factor and meets the methodology applicability conditions and has achieved the estimated GHG emission reductions, complies with

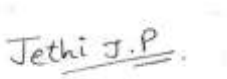
H.O : 2, Shrijinagar, Arihantnagar road, Nr. Aashapura Cottages, Bhuj-Kachchh- 370 001.
E: limbajaenergy@gmail.com W: limbajaenergy.com

Jayprakash Jethi
Energy Auditor
+91 97142 53756

	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 **[30,741]** TCO2e, as indicated in the PCN Version 3.0, 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]

H.O : 2, Shrijinagar, Arihantnagar road, Nr. Aashapura Cottages, Bhuj-Kachchh- 370 001.
E: limbajaenergy@gmail.com W: limbajaenergy.com

Jayprakash Jethi
Energy Auditor
+91 97142 53756

	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 Project ID: 334
Name of the authorised personnel of UCR Project Verifier and his/her signature with date	Limbaja Energy   Jethi J.P. Jayprakash Jethi (Lead Verifier and Energy Auditor) 26/12/2023  T.A. Rayma Tamizahemad Rayma (Energy Analyst and Verifier) 26/12/2023

H.O : 2, Shrijinagar, Arihantnagar road, Nr. Aashapura Cottages, Bhuj-Kachchh- 370 001.
E: limbajaenergy@gmail.com W: limbajaenergy.com

Jayprakash Jethi
Energy Auditor
+91 97142 53756

PROJECT VERIFICATION REPORT

A. Executive Summary

The verification work by project Proponent Prakash Sponge Iron & Power Private Ltd to perform an independent verification of its UCR project titled **"7.1 MW Captive Power Plant At M/s Prakash Sponge Iron & Power Private Ltd (PSIPL)" UCR approved project ID:334**, to establish number of CoUs generated by project over the crediting period from 01/01/2022 to 31/12/2022 (both days included).

Verification for the period: 01/01/2022 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 is found to be correct and in line with the UCR guidelines.

The GHG emission reductions were calculated on the basis of **AMS-III.Q: Waste Energy Recovery, version 6.1** & UCR Standard for Emission Factor

The verification was done remotely by way of video calls, phone calls and submission of documents for verification through emails as per UCR guidelines.

I am able to certify that the emission reductions from the **7.1 MW Captive Power Plant At M/s Prakash Sponge Iron & Power Private Ltd (PSIPL)** (UCR ID – 334) for the period 01/01/2022 to 31/12/2022 amounts to 30,741 CoUs (30,741 tCO2e).

H.O : 2, Shrijinagar, Arihantnagar road, Nr. Aashapura Cottages, Bhuj-Kachchh- 370 001.
E: limbajaenergy@gmail.com W: limbajaenergy.com

Jayprakash Jethi
Energy Auditor
+91 97142 53756

A.1 Scope of Verification

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 programme verification Guidance Document, UCR Standard, UCR Programme 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 project is not part of present assignment and projects deemed validated post registration by UCR.

A.2 Description of the Project

As described in the Project Concept Note (PCN) Version 3.0, the project activity involves WHRB project of installed aggregated capacity of 7.1 MW Captive Power Plant At M/s Prakash Sponge Iron & Power Private Ltd (PSIPL) at Village Heggere – 577522 District Chitradurga State – Karnataka, India. 76°40’5.448” E and 14°09’11.556” N. The details of the project activity are verified with the project report copy submitted for verification.

H.O : 2, Shrijinagar, Arihantnagar road, Nr. Aashapura Cottages, Bhuj-Kachchh- 370 001.
E: limbajaenergy@gmail.com W: limbajaenergy.com

Jayprakash Jethi
Energy Auditor
+91 97142 53756

As mentioned in the Monitoring Report and Emission Reduction Calculation sheet submitted for the verification, This project activity involves Self generation For Prakash Sponge Iron grid connected. The project activity has installed capacity of 7.1 MW which will qualify for a Small-scale project activity AMS-III.Q: Waste Energy Recovery of the Small-Scale methodology. The project status is corresponding to the methodology AMS-III.Q: Waste Energy Recovery, version 6.1.

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

Summary of the Project Activity	
Start date of this Monitoring Period	01/01/2022
Carbon credits claimed up to	31/12/2022
Total Carbon Credit (tCO2eq)	30,741
Project Emission	0
Leakage Emission	0

H.O : 2, Shrijinagar, Arihantnagar road, Nr. Aashapura Cottages, Bhuj-Kachchh- 370 001.
E: limbajaenergy@gmail.com W: limbajaenergy.com

Jayprakash Jethi
Energy Auditor
+91 97142 53756

B. Project Verification team, technical reviewer and approver

SN	Role	Last name	First name	Affiliation	Involvement in		
					Document review	Off-Site inspection	Interviews
1	Lead Verifier and Energy Auditor	Jethi	Jayprakash	Limbaja Energy (UCR authorised	Yes	No	Yes
2	Energy Analyst and Verifier	Rayma	Tamizahmed	Limbaja Energy	Yes	No	No

H.O : 2, Shrijinagar, Arihantnagar road, Nr. Aashapura Cottages, Bhuj-Kachchh- 370 001.
E: limbajaenergy@gmail.com W: limbajaenergy.com

Jayprakash Jethi
Energy Auditor
+91 97142 53756

C. Means of Project Verification

C.1 Desk/document review

The project documents submitted to UCR approved verifier Limbaja Energy was reviewed and validated by the lead verifier. The documents reviewed includes verification of 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 (CPCB), monitoring related parameters including measuring instruments and their calibration records for the crediting period etc.

The PCN Version 3.0 is made available to verifier post approval by UCR which is considered as validated documents and the content of validated PCN Version 3.0 are considered as record wherever required. Further the communication agreement made between project owner and project aggregator is document of UCR registry hence the project aggregator is treated as authorized representative of project owner. All the documents submitted by project aggregator to verifier is treated as documents submission on behalf of project owner.

The list of submitted document is available in subsequent section of this verification report under section “Document reviewed or referenced”.

H.O : 2, Shrijinagar, Arihantnagar road, Nr. Aashapura Cottages, Bhuj-Kachchh- 370 001.
E: limbajaenergy@gmail.com W: limbajaenergy.com

Jayprakash Jethi
Energy Auditor
+91 97142 53756

C.2 Off-site inspection: Not Applicable

Date of off site inspection: DD/MM/YYYY to DD/MM/YYYY			
No.	**Activity performed Off-Site**	**Site location**	**Date**
1.			
…			

C.3 Interviews

No.	**Interview**			**Date**	**Subject**
	Last name	**First name**	**Affiliation**		
1	Kattimani	Vikas	Junior Manager - EHS	26/12/2023	Meter calibration, Double Counting and project overview

C.4 Sampling approach: Not Applicable

H.O : 2, Shrijinagar, Arihantnagar road, Nr. Aashapura Cottages, Bhuj-Kachchh- 370 001.
E: limbajaenergy@gmail.com W: limbajaenergy.com

Jayprakash Jethi
Energy Auditor
+91 97142 53756

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

SN	Areas of Project Verification findings	No. of CL	No. of CAR	No. of FAR
	Green House Gas (GHG)			
1	Identification and Eligibility of project type	Nil	Nil	Nil
2	General description of project activity	Nil	Nil	Nil
3	Application and selection of methodologies and standardized baselines	-	-	-
	i) Application of methodologies and standardized baselines	Nil	Nil	Nil
	ii) Deviation from methodology and/or methodological tool	Nil	Nil	Nil
	iii) Clarification on applicability of methodology, tool and/or standardized baseline	Nil	Nil	Nil
	iv) Project boundary, sources and GHGs	Nil	Nil	Nil
	v) Baseline scenario	Nil	Nil	Nil
	vi) Estimation of emission reductions or net anthropogenic removals	Nil	Nil	Nil
	vii) Monitoring Report	Nil	Nil	Nil
4	Start date, crediting period and duration	Nil	Nil	Nil
5	Environmental impacts	Nil	Nil	Nil
6	Project Owner- Identification and communication	Nil	Nil	Nil
7	Others (please specify)	Nil	Nil	Nil
	Total	Nil	Nil	Nil

H.O : 2, Shrijinagar, Arihantnagar road, Nr. Aashapura Cottages, Bhuj-Kachchh- 370 001.
E: limbajaenergy@gmail.com W: limbajaenergy.com

Jayprakash Jethi
Energy Auditor
+91 97142 53756

D Project Finding

D.1 Identification and eligibility of project type

SN	Particular	Remarks
1	**Means of Project Verification**	This Project is taken reference of CDM Methodology AMS-III.Q: Waste Energy Recovery, version 6.1.
2	**Findings**	1) Project activity is described through UCR approved PCN. 2) UCR project Authorization agreement clearly defines the Project Proponent and Project Consultant.
3	**Conclusion**	The UCR approved format is used for description and project meets the requirement of UCR verification standard and UCR project standard. UCR project communication agreement submitted to verifier and the same has been verified. Methodology referenced and applied appropriately describing the project type. The eligibility of project aggregator is verified using UCR communication agreement, Project correctly applies the verification standard, UCR project standard and UCR regulations. The project activity is overall meeting the requirements of UCR Verification standard and UCR project standard.

H.O : 2, Shrijinagar, Arihantnagar road, Nr. Aashapura Cottages, Bhuj-Kachchh- 370 001.
E: limbajaenergy@gmail.com W: limbajaenergy.com

Jayprakash Jethi
Energy Auditor
+91 97142 53756

D.2 General description of project activity

SN	Particular	Remarks
1	**Means of Project Verification**	The project activity involves the setting up of a Waste Heat Recovery Boiler. The commissioning certificate is referred. The project capacity was verified through purchase order invoices of turbine. The power evacuation at the Substation is confirmed by electricity generation sheet.
2	**Findings**	1. Project Commissioning date is mentioned in the commissioning certificate. 2. Turbine Capacity is same as mentioned technical specifications.
3	**Conclusion**	The description of the project activity is verified to be true based on the review of PCN Version 3.0, MR, Commissioning Certificate Technical Specification sheet.

H.O : 2, Shrijinagar, Arihantnagar road, Nr. Aashapura Cottages, Bhuj-Kachchh- 370 001.
E: limbajaenergy@gmail.com W: limbajaenergy.com

Jayprakash Jethi
Energy Auditor
+91 97142 53756

D.3 Application and selection of methodologies and standardized baselines

D.3.1 Application of methodology and standardized baselines

SN	Particular	Remarks
1	**Means of Project Verification**	This Project is taken reference of CDM Methodology AMS-III.Q: Waste Energy Recovery, version 6.1. For the applicability mentioned in the PCN Version 3.0 and MR, Commissioning certificate, Detailed Project Report documents were referred.
2	**Findings**	The methodology applied is applicable for the project activity.
3	**Conclusion**	Methodology application is appropriate meeting the requirements of UCR and its standardized baseline. The methodology version is correct and valid. Referenced methodology is applicable to project activity.

H.O : 2, Shrijinagar, Arihantnagar road, Nr. Aashapura Cottages, Bhuj-Kachchh- 370 001.
E: limbajaenergy@gmail.com W: limbajaenergy.com

Jayprakash Jethi
Energy Auditor
+91 97142 53756

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

SN	Particular	Remarks
1	**Means of Project Verification**	The documents reviewed CDM Methodology AMS-III.Q: Waste Energy Recovery, version 6.1. UCR Program standard, and UCR Verification Standard.
2	**Findings**	Emission factor calculated using the methodology is higher than UCR standard recommends.
3	**Conclusion**	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 exceed 15 MW thus meeting the requirement of Large-scale project.

H.O : 2, Shrijinagar, Arihantnagar road, Nr. Aashapura Cottages, Bhuj-Kachchh- 370 001.
E: limbajaenergy@gmail.com W: limbajaenergy.com

Jayprakash Jethi
Energy Auditor
+91 97142 53756

D.3.3 Project boundary, sources and GHGs

SN	Particular	Remarks
1	**Means of Project Verification**	Letter from Pollution Control Board dated 24/06/2021 Consent No: Format AW-325409
2	**Findings**	Project boundary is appropriately defined in PCN version 3.0 which is physical and geographical site of power house.
3	**Conclusion**	Project boundary is correctly defined in PCN version 3.0. GHG source correctly identified and reported. The project meets the requirements of UCR project standard, Verification standard and methodology requirements for boundary, GHG source.

D.3.4 Baseline scenario

SN	Particular	Remarks
1	**Means of Project Verification**	PCN Version 3.0 Section B.5 and General Project Eligibility Criteria and Guidance, UCR Standard.
2	**Findings**	Declared information is correct and verified.
3	**Conclusion**	Baseline scenario is appropriately described. The conservative value for emission considered. The baseline scenario is in accordance with UCR project verification standard and UCR project standard.

H.O : 2, Shrijinagar, Arihantnagar road, Nr. Aashapura Cottages, Bhuj-Kachchh- 370 001.
E: limbajaenergy@gmail.com W: limbajaenergy.com

Jayprakash Jethi
Energy Auditor
+91 97142 53756

D.3.5 Estimation of emission reductions or net anthropogenic removal

SN	Particular	Remarks
1	**Means of Project Verification**	Electrical Meter Reading Reports, and General Project Eligibility Criteria and Guidance, UCR Standard
2	**Findings**	None
3	**Conclusion**	Emission reductions are correctly calculated. The instruments are calibrated and hence the emission reduction is reported correctly and meets the requirements of UCR verification standard and UCR project standard.

D.3.6 Monitoring Report

SN	Particular	Remarks
1	**Means of Project Verification**	Meter Calibration reports, Electrical Meter Reading and General Project Eligibility Criteria and Guidance, UCR Standard,
2	**Findings**	None
3	**Conclusion**	Meter testing reports are provided Meter details are mentioned below. Energy meters installed at the site: **Main Meter**

Make	Schneider
Serial No.	540180184103
Calibration Date	06-Nov-23

H.O : 2, Shrijinagar, Arihantnagar road, Nr. Aashapura Cottages, Bhuj-Kachchh- 370 001.
E: limbajaenergy@gmail.com W: limbajaenergy.com

Jayprakash Jethi
Energy Auditor
+91 97142 53756

		  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. The Calibration reports are verified with available serial number of meters. The errors are within permissible limits. Monitoring parameter as reported through MR adequately represents the parameters relevant to emission reduction calculation. The number of CoUs generation is calculated based on this accurately reported data. The calculation was done using excel sheet where all the parameters reported. The emission factor for electricity is as per UCR standard for. Monitoring and emission reduction calculations are correctly calculated and reported. The monitoring report meets the requirements of UCR project verification requirements

H.O : 2, Shrijinagar, Arihantnagar road, Nr. Aashapura Cottages, Bhuj-Kachchh- 370 001.
E: limbajaenergy@gmail.com W: limbajaenergy.com

Jayprakash Jethi
Energy Auditor
+91 97142 53756

D.4 Start date, crediting period and duration

SN	Particular	Remarks
1	**Means of Project Verification**	PCN Version 3.0 and MR, Commissioning certificate, Detailed Project Report documents were referred.
2	**Findings**	None
3	**Conclusion**	The start date, crediting period and project duration reported correctly and this meets the requirements of UCR verification standard and UCR project standard.

D.5 Positive Environmental impacts

SN	Particular	Remarks
1	**Means of Project Verification**	PCN Version 3.0
2	**Findings**	Declared information is correct and verified.
3	**Conclusion**	The positive environmental impact meets the requirement of UCR verification standard and UCR project standard

H.O : 2, Shrijinagar, Arihantnagar road, Nr. Aashapura Cottages, Bhuj-Kachchh- 370 001.
E: limbajaenergy@gmail.com W: limbajaenergy.com

Jayprakash Jethi
Energy Auditor
+91 97142 53756

D.6 Project Owner- Identification and communication

SN	Particular	Remarks
1	**Means of Project Verification**	PCN Version 3.0, Communication Agreement, MR, Commissioning certificate.
2	**Findings**	Declared information is correct and verified.
3	**Conclusion**	Project owner identified through Authorization agreement signed between PP and PC. Equipment purchase order and commission verified. The identification and communication correctly meet the requirement of project verification and UCR project standard.

D.7 Positive Social Impact

SN	Particular	Remarks
1	**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.
2	**Findings**	None
3	**Conclusion**	Project has overall positive social impact.

H.O : 2, Shrijinagar, Arihantnagar road, Nr. Aashapura Cottages, Bhuj-Kachchh- 370 001.
E: limbajaenergy@gmail.com W: limbajaenergy.com

Jayprakash Jethi
Energy Auditor
+91 97142 53756

D.8 Sustainable development aspects (if any)

SN	Particular	Remarks
1	**Means of Project Verification**	PCN Version 3.0 were referred.
2	**Findings**	Declared information is correct and verified.
3	**Conclusion**	The Project addresses SDG 7 Affordable, SDG 8 Decent work, SDG 9 Industry, Innovation & Infrastructure, SDG 12 Responsible Consumption and Economic Growth, SDG 13 Climate Action

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

F. Project Verification Opinion

Considering the above-mentioned verification conducted on the basis of UCR Protocol, which draws reference from UCR Protocol Standard Baseline, AMS-III.Q: Waste Energy Recovery, version 6.1& UCR Standard for Emission Factor the documents submitted during the verification including the data, Project Concept Note (PCN) Version 3.0 / Monitoring Report (MR), I am able to certify that the emission reductions from the 7.1 MW Captive Power Plant At M/s Prakash Sponge Iron & Power Private Ltd (PSIPL) (UCR ID – 334) for the period 01/01/2022 to 31/12/2022 amounts to 30,741 CoUs (30,741 tCO2e).

H.O : 2, Shrijinagar, Arihantnagar road, Nr. Aashapura Cottages, Bhuj-Kachchh- 370 001.
E: limbajaenergy@gmail.com W: limbajaenergy.com

Jayprakash Jethi
Energy Auditor
+91 97142 53756

Appendix 1. Abbreviations

SN	Abbreviations	Full texts
1	UCR	Universal Carbon Registry
2	CEI	Chief Electrical Inspector
3	KPCB	Karnataka Pollution Control Board
4	PSIPL	Prakash Sponge Iron and Power Pvt. Ltd.
5	MR	Monitoring report
6	PCN	Project Concept Note
7	VR	Verification Report
8	VS	Verification Statement
9	DAA	Avoidance of Double Accounting Agreement
10	COD	Commercial Operation Date
11	PP/PO	Project Proponent / Project Owner
12	PA	Project Aggregator
13	PC	Project Consultant
14	ER	Emission Reduction
15	COUs	Carbon offset Units.
16	tCO2e	Tons of Carbon Dioxide Equivalent
17	kWh	Kilo-Watt Hour
18	mWh	Mega-Watt Hour
19	kW	Kilo-Watt
20	mWh	Mega-Watt
21	CDM	Clean Development Mechanism
22	SDG	Sustainable Development Goal
23	CAR	Corrective Action Request
24	CR	Clarification Request
25	FAR	Forward Action Request
26	GHG	Green House Gas

H.O : 2, Shrijinagar, Arihantnagar road, Nr. Aashapura Cottages, Bhuj-Kachchh- 370 001.
E: limbajaenergy@gmail.com W: limbajaenergy.com

Jayprakash Jethi
Energy Auditor
+91 97142 53756

Appendix 2. Competence of team members and technical reviewers

SN	Last name	First name	Affiliation	Technical Experience
1	Jethi	Jayprakash	Lead Verifier and Energy Auditor at Limbaja Energy	Mr. Jayprakash Jethi is post graduate having more than 7 years of experience in the field of Energy Audit, Energy conservation and emission study.

Appendix 3. Document reviewed or referenced

SN	Author	Title	Provider
1	UCR	Communication Agreement	PC
2	Energy Advisory Services Pvt. Ltd.	Project Concept Note	PC
3	Energy Advisory Services Pvt. Ltd.	Monitoring Report	PC
4	Energy Advisory Services Pvt. Ltd.	Avoidance of double accounting	PC
5	Energy Advisory Services Pvt. Ltd.	Emission Reduction Excel	PC
6	Voltron Power Consultants	Meter Calibration	PA
10	CEI - Bangalore	Commissioning Certificate	PA

H.O : 2, Shrijinagar, Arihantnagar road, Nr. Aashapura Cottages, Bhuj-Kachchh- 370 001.
E: limbajaenergy@gmail.com W: limbajaenergy.com

Jayprakash Jethi
Energy Auditor
+91 97142 53756

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

Table 1. CLs from this Project Verification

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

Table 2. CARs from this Project Verification

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

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

H.O : 2, Shrijinagar, Arihantnagar road, Nr. Aashapura Cottages, Bhuj-Kachchh- 370 001.
E: limbajaenergy@gmail.com W: limbajaenergy.com

Jayprakash Jethi
Energy Auditor
+91 97142 53756

Annexure 1: Photographs of the Co-generation power plant

H.O : 2, Shrijinagar, Arihantnagar road, Nr. Aashapura Cottages, Bhuj-Kachchh- 370 001.
E: limbajaenergy@gmail.com **W:** limbajaenergy.com

Jayprakash Jethi
Energy Auditor
+91 97142 53756

H.O : 2, Shrijinagar, Arihantnagar road, Nr. Aashapura Cottages, Bhuj-Kachchh- 370 001.
E: limbajaenergy@gmail.com W: limbajaenergy.com

Jayprakash Jethi
Energy Auditor
+91 97142 53756

H.O : 2, Shrijinagar, Arihantnagar road, Nr. Aashapura Cottages, Bhuj-Kachchh- 370 001.
E: limbajaenergy@gmail.com **W:** limbajaenergy.com

Jayprakash Jethi
Energy Auditor
+91 97142 53756

Annexure 2: Date of Commissioning

GOVERNMENT OF KARNATAKA
(Electrical Inspectorate)

Ir. No CEIG/ACEI/EI-1/AEI-1/BN-255/28646-50/21-22 Date : 17/12/2021
Ack No : EI000110376448
GSC No : EN0010000164836

O/o Chief Electrical Inspectorate to Govt.,
Nirman Bhavan, 2nd Floor, P.B. No 5148 ,
Dr . Rajkumar Road, Rajajinagar, Bangalore-560010
Phone No :080-23371693

20/12/2021

To

PRAKASH SPONGE IRON AND POWER PVT LTD
PRAKASH SPONGE IRON AND POWER PVT LTD
HEGGERE VILLAGE, CHALLAKERE TQ
CHITRADURGA DIST, CHITRADURGA(District), CHALLAKERE(Taluk)
Karnataka, India-577522

Sir,

Sub : Approval of electrical installation pertaining to a) Additional 1x15MVA, 66/11kV Power transformer,
b) Additional 1x2000kVA, 11kV/433V and 1x3500kVA, 11kV/433V Transformers
c) 1x7100kVA, 11kV Steam Turbine Generator and 1x810kVA, 415V DG Set in the existing EHT installation bearing RR No: CHKEHT-20 **PRAKASH SPONGE IRON AND POWER PVT LTD** 42/1, HEGGERE VILLAGE, SANIKERE GP, BANGALORE ROAD, CHALLAKERE, CHITRADURGA(District), CHALLAKERE(Taluk) - 577522

Drawing Ref No : EI000110316095

Ref : 1. T.O Ltr No: CEIG/ACEI/EI-1/AEI-1/BN-255/41466-72/21-22 Dated: 31.03.2021 approving of installation drawings EI000110316095
2. Work Completion Report Submitted through online portal vide Ack No: EI000110376448

****

With reference to the above, approval is hereby granted for energizing the electrical installation at [**PRAKASH SPONGE IRON AND POWER PVT LTD** with **42/1, HEGGERE VILLAGE, SANIKERE GP, BANGALORE ROAD, CHALLAKERE, CHITRADURGA, CHALLAKERE - 577522**] under Regulation No. [43,32] of Central Electricity Authority (Measures relating to Safety and Electric Supply) Regulation, 2010 as per details enclosed.
This approval is strictly subject to your full compliance with the relevant provisions of the Central Electricity Authority (Measures relating to Safety and Electric Supply) Regulation, 2010 (as amended to date) in every respect.

Note :

Conditions :
1. As per Regulation No: 46(5) and 46(6) required records shall be maintained.
2. As per Regulation No: 46(7) the installation shall be maintained and operated in a condition free from danger.
3. As per Regulation No: 3 designated person(s) shall operate and carryout the work on electrical lines and apparatus.

Inspection fee of **Rs. 58,000/-** *(IN WORDS)* ***Fifty Eight Thousand*** *only*paid vide K2 Challan Ref. No: **EL1121004300004640** dated **17/11/2021**

20/12/2021
Chief Electrical Inspector to Govt
Electrical Inspectorate,
Bangalore.

Ack No : EI000110376448 1

H.O : 2, Shrijinagar, Arihantnagar road, Nr. Aashapura Cottages, Bhuj-Kachchh- 370 001.
E: limbajaenergy@gmail.com W: limbajaenergy.com

Jayprakash Jethi
Energy Auditor
+91 97142 53756

Annexure 3: Assurance to Avoid Double Counting

To,
Limbaja Energy
2 Shrijinagar, Arihantnagar Road, Near A ashapura Cottages, Kutch,
Bhuj-370001
Gujarat, India
Email :
Website :

Sub: Assurance to avoid double counting by Project Owners

Dear Sir,
I declare the following given below:

- I Partha Chattopadhyay, on behalf of M/S Prakash Sponge Iron & Private Limited, having registered office at Or ERM House, 4006, K.R Road, Banashankari, Bangalore - identified above, herewith confirm that:

We have submitted the project of "7.1MW WHRB Based Captive Power Plant" at M/S Prakash Sponge Iron & Private Ltd. (PSIPL) (UCR PROJECT ID: 334) for registration with UCR Program which aims for issuance of CoUs (called as Carbon Offset Units) consequent to compliance with all the applicable requirements of UCR Program:

Authorized Actions. Prakash Sponge Iron & Private Ltd is authorized to state the following:

- The project is not registered more than once with the UCR program
- The project is not registered under any other GHG program (voluntary or compliance)
- (If a project is registered with more than one program). That the offset credits are cancelled by (name of program) before offset credits are submitted for verification via the monitoring report to your agency. (please attach relevant links or documentation)
- Double counting in mandatory domestic targets is avoided by not registering the above mentioned project more than once and that the host country will not use the project's emission reductions more than once to track progress towards, or for demonstrating achievement of its nationally determined contributions (NDCs) .

For Prakash Sponge Iron & Power Pvt. Ltd. / For Prakash Sponge Iron &Private Limited

By: Authorize Signatory

Name: PARTHA CHATTOPADHYAY

Title: VICE PRESIDENT

Date of execution: 03/10/2023

PRAKASH SPONGE IRON & POWER PVT. LTD. HEGGERE