

## Verification Report for

### UCR ID No. 322

DESCRIPTION	DATA
<b>Project Owner Name :</b>	M/s. 28.7 MW Bundled Bagasse Based Cogen Plant by M/s Chidanand Basaprabhu Kore Sahakari Sakkare Karkhane Niyamit Chikkodi
<b>Project Location :</b>	Village: Nanadi
	Taluka – Chikodi, District Belagavi – 591244
	State – Karnataka, India
	Latitude: 16°30'26" N, Longitude: 74°36'51" E
<b>Project Aggregator:</b>	Energy Advisory Services Pvt Limited - Bangalore - Karnataka.
<b>Scale of the project activity</b>	Large Scale
<b>Date</b>	11 <sup>th</sup> Dec -2023



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

COVER PAGE	
Project Verification Report Form (VR)	
BASIC INFORMATION	
Name of approved UCR Project Verifier / Reference No.	Limbaja Energy
Type of Accreditation	<input type="checkbox"/> CDM or other GHG <input type="checkbox"/> Accreditation ISO 14065 Accreditation  <input checked="" type="checkbox"/> UCR Approved
Approved UCR Scopes and GHG Sectoral scopes for Project Verification	01 Energy industries (Renewable/Non-renewable sources)
Validity of UCR approval of Verifier	Aug-2022 onwards
Completion date of this VR	11 <sup>th</sup> Dec 2023
Title of the project activity	28.7 MW Bundled Bagasse Based Cogen Plant by M/s Chidanand Basaprabhu Kore Sahakari Sakkare Karkhane Niyamit Chikkodi

<b>Project reference no.</b> (as provided by UCR Program)	322
<b>Name of Entity requesting verification service</b> (can be Project Owners themselves or any Entity having authorization of Project Owners, example aggregator.)	Energy Advisory Services Pvt Limited - Bangalore - Karnataka.
<b>Contact details of the representative of the Entity, requesting verification service</b> (Focal Point assigned for all communications)	<b>Energy Advisory Services Pvt Limited - Bangalore - Karnataka.</b> <a href="mailto:nikhil@easpl.co.in">nikhil@easpl.co.in</a> 98673 67719
<b>Country where project is located</b>	India
<b>Applied methodologies</b> (approved methodologies by UCR Standard used)	ACM0006: "Electricity and heat generation from biomass" Version 16.0
<b>Project Verification Criteria:</b> Mandatory requirements to be assessed	<input checked="" type="checkbox"/> UCR Standard <input checked="" type="checkbox"/> Applicable Approved Methodology <input type="checkbox"/> Applicable Legal requirements /rules of host country <input checked="" type="checkbox"/> Eligibility of the Project Type <input checked="" type="checkbox"/> Start date of the Project activity <input checked="" type="checkbox"/> Meet applicability conditions in the applied methodology <input checked="" type="checkbox"/> Credible Baseline

	<input checked="" type="checkbox"/> Do No Harm Test <input checked="" type="checkbox"/> Emission Reduction calculations <input checked="" type="checkbox"/> Monitoring Report <input checked="" type="checkbox"/> No GHG Double Counting <input type="checkbox"/> Others (please mention below)
<b>Project Verification Criteria:</b>  Optional requirements to be assessed	<input checked="" type="checkbox"/> Environmental Safeguards Standard and do-no-harm criteria  <input type="checkbox"/> Social Safeguards Standard do- no-harm criteria
<b>Project Verifier's Confirmation:</b>  The <i>UCR Project Verifier</i> has verified the UCR project activity and therefore confirms the following:	The UCR Project Verifier <b>Limbaja Energy</b> certifies the following with respect to the UCR Project Activity “28.7 MW Bundled Bagasse Based Cogen Plant by M/s Chidanand Basaprabhu Kore Sahakari Sakkare Karkhane Niyamit Chikkodi “  <input checked="" type="checkbox"/> The Project Owner has correctly described the Project Activity in the Project Concept Note Version 4.0 (dated 02 <sup>nd</sup> Dec 2023) including the applicability of the approved methodology <b>ACM0006</b> : Electricity and heat generation from biomass (Ver. 16) & UCR Standard for

	<p>Emission Factor 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.</p> <p><input checked="" type="checkbox"/> The Project Activity is likely to generate GHG emission reductions amounting to the estimated <b>[4,48,840]</b> TCO<sub>2</sub>e, as indicated in the PCN Version 4.0, 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.</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<sup>1</sup></p>
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	and therefore, recommends UCR Program to register the Project activity with above mentioned labels.
<b>Project Verification Report, reference number and date of approval</b>	Verification Report UCR Project ID: 322
<b>Name of the authorised personnel of UCR Project Verifier and his/her signature with date</b>	<p>Limbaja Energy</p>  <p><i>Jethi J.P.</i></p> <p>Jayprakash Jethi          (Lead Verifier and Energy Auditor)          11/12/2023</p>  <p>Tamizahemad Rayma          (Energy Analyst and Verifier)          11/12/2023</p>



**PROJECT VERIFICATION REPORT****A. Executive Summary**

The verification work has been contracted by project aggregator Energy Advisory Services Pvt. Ltd. to perform an independent verification of its UCR project titled **“28.7 MW Bundled Bagasse Based Cogen Plant by M/s Chidanand Basaprabhu Kore Sahakari Sakkare Karkhane Niyamit Chikkodi” UCR approved project ID:322**, to establish number of CoUs generated by project over the crediting period from 01/01/2013 to 31/12/2022 (both days included).

**Verification for the period: 01/01/2013 to 31/12/2022**

In my opinion, the total GHG emission reductions over the crediting / verification period stated in the Monitoring Report (MR) Version 2.0, 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 **ACM0006: Electricity and heat generation from biomass (Ver. 16)** & 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 **28.7 MW Bundled Bagasse Based Cogen Plant by M/s Chidanand Basaprabhu Kore Sahakari Sakkare Karkhane Niyamit Chikkodi** (UCR ID – 322) for the period 01/01/2013 to 31/12/2022 amounts to 4,48,840 CoUs (4,48,840 tCO<sub>2</sub>e).

### 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 4.0, the project activity involves Biomass Cogeneration project of installed aggregated capacity of 28.7 MW Bundled Bagasse Based Cogen Plant by M/s Chidanand Basaprabhu Kore Sahakari Sakkare Karkhane Niyamit Chikkodi at Village: Nanadi Taluka – Chikodi, District Belagavi – 591244 State – Karnataka,



India Latitude: 16°30'26" N, Longitude: 74°36'51" E. The details of the project activity are verified with the project report copy submitted for verification.

As mentioned in the Monitoring Report and Emission Reduction Calculation sheet submitted for the verification, This project activity involves generation of grid connected electricity from the construction and operation of a new cogeneration power-based project for selling it to National and Regional grid. The project activity has installed capacity of 28.7 MW which will qualify for a large-scale project activity under Type-I of the Large-Scale methodology. The project status is corresponding to the methodology ACM0006, Version 16.

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	01/01/2013
Carbon credits claimed up to	31/12/2022
Total Carbon Credit (tCO <sub>2</sub> eq)	4,98,717
Project Emission	49,877
Leakage Emission	0
Final Carbon Credit (tCO <sub>2</sub> eq) after Deduction Of Project Emission	4,48,840

## 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

## **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 4.0 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”.

## 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	Vittal	R Karjagi	DGM	21/08/2023	Meter calibration, Double Counting and project overview

## C.4 Sampling approach: Not Applicable

## 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
<b>Green House Gas (GHG)</b>				
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
	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
	<b>Total</b>	Nil	Nil	Nil

## D Project Finding

### D.1 Identification and eligibility of project type

SN	Particular	Remarks
1	<b>Means of Project Verification</b>	This Project is taken reference of CDM Methodology ACM0006: “Electricity and heat generation from biomass” Version 16.0 Biomass Cogeneration Energy Projects.
2	<b>Findings</b>	1) Project activity is described through UCR approved PCN. 2) UCR project communication agreement clearly defines the Project Proponent and Project Aggregator.
3	<b>Conclusion</b>	<p>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.</p> <p>The project activity is overall meeting the requirements of UCR Verification standard and UCR project standard.</p>



## D.2 General description of project activity

SN	Particular	Remarks
1	<b>Means of Project Verification</b>	The project activity involves the setting up of a Biomass based co-generation. 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	<b>Findings</b>	<ol style="list-style-type: none"> <li>1. Project Commissioning date is mentioned in the commissioning certificate.</li> <li>2. Turbine Capacity is same as mentioned technical specifications.</li> <li>3. Project implementation and sale of energy abide the power purchase agreement.</li> </ol>
3	<b>Conclusion</b>	The description of the project activity is verified to be true based on the review of PCN Version 4.0, MR Version 2.0, Commissioning Certificate, Purchase Order Copies and Technical Specification sheet.

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

#### D.3.1 Application of methodology and standardized baselines

SN	Particular	Remarks
1	<b>Means of Project Verification</b>	This Project is taken reference of CDM Methodology ACM0006: “Electricity and heat generation from biomass” Version 16.0. For the applicability mentioned in the PCN Version 4.0 and MR Version 2.0, Commissioning certificate, Detailed Project Report and PPA documents were referred.
2	<b>Findings</b>	The methodology applied is applicable for the project activity.
3	<b>Conclusion</b>	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.

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

SN	Particular	Remarks
1	<b>Means of Project Verification</b>	The documents reviewed CDM Methodology ACM0006: “Electricity and heat generation from biomass” Version 16.0. UCR Program standard, and UCR Verification Standard.
2	<b>Findings</b>	Emission factor calculated using the methodology is higher than UCR standard recommends.
3	<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 exceed 15 MW thus meeting the requirement of Large-scale project.

### D.3.3 Project boundary, sources and GHGs

SN	Particular	Remarks
1	<b>Means of Project Verification</b>	Letter from Pollution Control Board dated 01/08/2022 Consent No: Format AW-332592
2	<b>Findings</b>	Project boundary is appropriately defined in PCN version 4.0 which is physical and geographical site of power house.
3	<b>Conclusion</b>	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	<b>Means of Project Verification</b>	PCN Version 4.0 Section B.5 and General Project Eligibility Criteria and Guidance, UCR Standard.
2	<b>Findings</b>	Declared information is correct and verified.
3	<b>Conclusion</b>	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.

## D.3.5 Estimation of emission reductions or net anthropogenic removal

SN	Particular	Remarks
1	<b>Means of Project Verification</b>	Export and Import Meter Reading Reports, and General Project Eligibility Criteria and Guidance, UCR Standard
2	<b>Findings</b>	None
3	<b>Conclusion</b>	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, Export and Import Meter Reading Reports, and General Project Eligibility Criteria and Guidance, UCR Standard,						
2	Findings	None						
3	Conclusion	<div>Meter testing reports are provided</div> <div>Meter details are mentioned below.</div> <div>Energy meters installed at the site:</div> <div><div>Main Meter</div><table><tr><td>Make</td><td>L &amp; T ER300P</td></tr><tr><td>Serial No.</td><td>19008293</td></tr><tr><td>Calibration Date</td><td>02-Jan-23</td></tr></table></div>	Make	L & T ER300P	Serial No.	19008293	Calibration Date	02-Jan-23
Make	L & T ER300P							
Serial No.	19008293							
Calibration Date	02-Jan-23							



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



## D.4 Start date, crediting period and duration

SN	Particular	Remarks
1	<b>Means of Project Verification</b>	PCN Version 4.0 and MR Version 2.0, Commissioning certificate, Detailed Project Report and PPA documents were referred.
2	<b>Findings</b>	None
3	<b>Conclusion</b>	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	<b>Means of Project Verification</b>	PCN Version 4.0
2	<b>Findings</b>	Declared information is correct and verified.
3	<b>Conclusion</b>	The positive environmental impact meets the requirement of UCR verification standard and UCR project standard

## D.6 Project Owner- Identification and communication

SN	Particular	Remarks
1	<b>Means of Project Verification</b>	PCN Version 4.0, Communication Agreement, MR Version 2.0, Commissioning certificate, Power Purchase Agreement.
2	<b>Findings</b>	Declared information is correct and verified.
3	<b>Conclusion</b>	Project owner identified through communication agreement signed between PP and PA. Equipment purchase order and commission verified. Also, legal document like Power Purchase Agreement clearly establishes the project owner. The identification and communication correctly meet the requirement of project verification and UCR project standard.

## D.7 Positive Social Impact

SN	Particular	Remarks
1	<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.
2	<b>Findings</b>	None
3	<b>Conclusion</b>	Project has overall positive social impact.

## D.8 Sustainable development aspects (if any)

SN	Particular	Remarks
1	<b>Means of Project Verification</b>	PCN Version 4.0 were referred.
2	<b>Findings</b>	Declared information is correct and verified.
3	<b>Conclusion</b>	The Project addresses SDG 7 Affordable, SDG 8 Decent work 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, ACM0006: Electricity and heat generation from biomass (Ver. 16) & UCR Standard for Emission Factor the documents submitted during the verification including the data, Project Concept Note (PCN) Version 4.0 / Monitoring Report (MR) Version 2.0, I am able to certify that the emission reductions from the 28.7 MW Bundled Bagasse Based Cogen Plant by M/s Chidanand Basaprabhu Kore Sahakari Sakkare Karkhane Niyamit Chikkodi (UCR ID – 322) for the period 01/04/2013 to 31/12/2022 amounts to 4,48,840 CoUs (4,48,840 tCO<sub>2</sub>e).

## Appendix 1. Abbreviations

SN	Abbreviations	Full texts
1	UCR	Universal Carbon Registry
2	CPCB	Central Pollution Control Board
3	KPCB	Karnataka Pollution Control Board
4	PGCIL	Power Grid Corporation of India Ltd.
5	KPTCL	Karnataka Power Transmission Corporation Limited
6	BESCOM	Bangalore Electricity Supply Company Limited
7	HESCOM	Hubli Electricity Supply Company Limited
8	GESCOM	Gulbarga Electricity Supply Company Limited
9	MESCOM	Mangalore Electricity Supply Company Limited
10	CESCOM	Chamundeshwari Electricity Supply Corporation Limited
11	MESCL	Mangalore Electricity Supply Company Ltd
12	GESCL	Gulbarga Electricity Supply Company Ltd
13	IEX	Indian Energy Exchange Limited
14	APPL	Abja Power Private Limited
15	MR	Monitoring report
16	PCN	Project Concept Note
17	VR	Verification Report
18	VS	Verification Statement
19	DAA	Avoidance of Double Accounting Agreement
20	COD	Commercial Operation Date
21	PP/PO	Project Proponent / Project Owner
22	PA	Project Aggregator
23	PPA	Power Purchase Agreement
24	ER	Emission Reduction
25	COUs	Carbon offset Units.
26	tCO <sub>2</sub> e	Tons of Carbon Dioxide Equivalent

SN	Abbreviations	Full texts
27	kWh	Kilo-Watt Hour
28	mWh	Mega-Watt Hour
29	kW	Kilo-Watt
30	mWh	Mega-Watt
31	CDM	Clean Development Mechanism
32	SDG	Sustainable Development Goal
33	CAR	Corrective Action Request
34	CR	Clarification Request
35	FAR	Forward Action Request
36	GHG	Green House Gas

## 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	PA
2	Energy Advisory Services Pvt. Ltd.	Project Concept Note	PA
3	Energy Advisory Services Pvt. Ltd.	Monitoring Report	PA
4	Energy Advisory Services Pvt. Ltd.	Avoidance of double accounting	PA
5	Energy Advisory Services Pvt. Ltd.	Emission Reduction Excel	PA
6	KPTCL	Meter Calibration	PA
7	KPTCL	Electricity Export Bill	PA
8	KPTCL	Electricity Import Bill	PA
9	BESCOM/HESCOM/GESCOM /MESCOM/CESCOM	Power Purchase Agreement	PA
10	KPTCL	Commissioning Certificate	PA



## 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

**Jayprakash Jethi**

Energy Auditor

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### Annexure 1: Photographs of the Co-generation power plant



**Jayprakash Jethi**

Energy Auditor

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**Jayprakash Jethi**

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**Jayprakash Jethi**  
Energy Auditor  
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## Annexure 2: Date of Commissioning

KARNATAKA POWER TRANSMISSION CORPORATION LIMITED  
No.933/CKD/TL&SS/EEE/F- 1628/2003

Office of the  
Executive Engineer(Ele)  
TL&SS division., KPTCL  
Chikodi.  
Date:- 11/06/2004

**COMMISSIONING CERTIFICATE**

Sub - Synchronization of 20MW Biomas based Co-Generation power plant of M/s Doodhaganga Krishna Sahakari Sakkare Karkhane Niyamita at Chikodi Taluka to our KPTCL Grid.

This is to certify that the 20MW Biomas based Co-generation power plant of M/s Doodhaganga Krishna Sahakari Sakkare Karkhane Niyamit at Nanadi in Chikodi taluka, the 110KV single circuit line connecting to 220/110KV sub-station Chikodi to M/s Doodhaganga Krishna Sahakari Sakkare Karkhane Niyamit for a length of 7.2 Km was charged on 27/1/04 on double circuit towers.

Further the above said Co-generation plant was synchronized to KPTCL grid and commissioned at 2.45 hrs on 25/03/2004 as per the approval conveyed by the corporate office vide ltr No KPTCL/B-28/3429/99-00 Dtd 5/01/2004 and C E I G Approved vide ltr No CEIG/DCE/EI/(T)/D1/14095-99 dtd 30/1/04.

To,  
Managing Director,  
Doodhaganga Krishna Sahakari  
Sakkare Karkhane Niyamit, Nanadi  
Taluka: Chikodi.

Executive Engineer(Ele)  
TL&SS division., KPTCL  
Chikodi.

Copy submitted for kind information to:-

- 1) The General Manager (Tech) KPTCL., Kavri Bhavan, Bangalore.
- 2) The Chief Engineer(Ele) P&C KPTCL., Kaveri Bhavan, Bangalore
- 3) The Chief Engineer(Ele) LDC KPTCL., Bangalore
- 4) The Chief Engineer(Ele) Transmission zone, Engg collage road., KPTCL, Bagalkot.
- 5) The Superintending Engineer(Ele) RT circle KPTCL., Hubli
- 6) The Superintending Engineer(Ele) Trans(W&M), Circle, KPTCL., Club road Belgaum.

Copy f.w.c to :-

- 1) Executive Engineer(Ele) RT division KPTCL, Belgaum

Copy to:-  
Asst Executive Engineer(Ele) 220KV R/S KPTCL, Chikodi  
Asst Engineer(Tech) KPTCL., Chikodi.

DETACHED COMM-CERTIFICATE doc

Office of the E. E., Chikodi.  
Date: 11 JUN 2004  
Genl. Copy



**Jayprakash Jethi**

Energy Auditor

+91 97142 53756


ಕರ್ನಾಟಕ ವಿದ್ಯುತ್ ಪ್ರಸಾರಣ ನಿಗಮ ನಿಯಮಿತ

**KARNATAKA POWER TRANSMISSION CORPORATION LIMITED**

Corporate Identity No (CIN) : U40109KA1999SGC025521, Website : [www.kptcl.com](http://www.kptcl.com)  
Registered Office of the Company : Corporate Office, Kaveri Bhavan, K.G.Road  
Bengaluru-560 001

PH NO.: 08338 - 275173, FAX NO: 08338 - 275173 Email: [eeitss\\_ckd@rediffmail.com](mailto:eeitss_ckd@rediffmail.com)

OFFICE OF THE  
EXECUTIVE ENGINEER(ELE)  
TL & SS DIVISION KPTCL  
VIDYUTH NAGAR  
CHIKKODI-591201



ಕೆಆರ್ ಜಿಎಲ್,  
ಕಾರ್ಯನಿರ್ವಾಹಕ ಅಭಿಯಂತರರು(ಕಿ)  
ಪ್ರಸಾರಣ ಮಹಾಕೀ & ಉಪವಿಭಾಗ ನಿಭಾರ,  
ಕವಿಪ್ರಸಾರ, ಉದ್ಯುಕ್ತ ಮಾರ್ಗ,  
ಚಿಕ್ಕೋಡಿ-591201

ಸಂಖ್ಯೆ: 938/ಟಿ/ಪ್ರ.ಮಾ.ಉ.ಕೆ/ಕಾ.ನಿ.ಇಂ(ಕಿ)/ಪ.ಅ(ಕಾ)/2020-17/ಕ-48/ 5137-63 ದಿನಾಂಕ: 0 MAR 2020

**Commission Certificate**

Sub: Interconnection and Synchronizing of 2<sup>nd</sup> unit of 08 MW such that enhancement in plant capacity from 24 MW Gross to 32 MW Gross with total exportable capacity of 18.5 MW against the installed capacity of 28.7 MW (such that unit-I with 20.7 MW installed TG set & Unit-II with 08 MW installed TG set as per medium term PPA executed with ESCOMs) Co-generation plant in name of M/s Shree Doodaganga Krishna Sahakari Sakkare Karkane Niyamit Chikodi -591247 at Chikodi taluka in Belagavi District, on 110 KV reference at 220KV Chikodi KPTCL substation.

Ref: 1. G.O No: EN 193 NCE 2014 dated. 30.10.2014 for 24 MW Gross to 32 MW Gross with 23 MW exportable in season & 23 MW exportable in season & 30 MW in offseason with condition to execute W&B agreement for 3<sup>rd</sup> party sale or to execute PPA with ESCOM.

2. Transfer G.O No: EN 347 NCE 2018 dated 20.09.2018 in which it is permitted to install 02 turbines with capacity of 24 MW & 08 MW

3. PPA executed with ESCOMs on medium term basis. As per this PPA the contract period is from the date of signing PPA up to 2020-21. Effective date is from date of signing the PPA exportable capacity mean 18.5 MW with installed capacity of 28.7 MW

4. Revised evacuation letter No. CEE(P&C)/SEE(Plg)/EE(PSS)/KCO-96/34134-51/23.02.2019 consequent to enhancement in plant capacity from 24 MW Gross to 32 MW Gross with total exportable capacity of 18.5 MW against the installed capacity of 28.7 MW (as per medium term PPA executed with ESCOMs).

5. CEIG Safety and Commissioning Approval - CEIG/ACEI/EE-I/AEI-3/22863-68/15-16/ Dated:05.11.2015.

6. Provisional Interconnection approval - CEE/P&C/SEE(Plg)/EE(PSS-N)/KCO-96/20266-81 Dated: 17.02.2020.

Interconnection and Synchronizing of 2<sup>nd</sup> unit of 08 MW such that enhancement in plant capacity from 24 MW Gross to 32 MW Gross with total exportable capacity of 18.5 MW against the installed capacity of 28.7 MW (such that unit-I with 20.7 MW installed TG set & Unit-II with 08 MW installed TG set as per medium term PPA executed with ESCOMs) Co-generation plant in name of M/s Shree Doodaganga Krishna Sahakari Sakkare Karkane Niyamit Chikodi -591247 at Chikodi taluka in Belagavi District, on 110 KV reference at 220KV Chikodi KPTCL substation has been commissioned successfully on 20.02.2020 in the presence of KPTCL and HESCOM officers. (MOM enclosed) and witnessed initial energy exported of approximately 3.86 MW generation from new TG.

PTO

FILE-49/2017-18



**Jayprakash Jethi**

Energy Auditor

+91 97142 53756

Further this certificate is issued based on the Interconnection and Synchronization approval given by CEE P&C KPTCL Bangalore vide letter under above ref no (5) and final safety approval of Chief Electrical Inspectorate Govt. of Karnataka, Bangalore vide letter under above ref no - (4)

*20/10/3/2020*  
 Executive Engineer (El)  
 TL&SS Division KPTCL Chikkodi

To,  
 M/s Shree Doodaganga Krishna Sahakari Sakkare Karkane Niyamit  
 Chikodi -591247 Tq: Chikodi  
 Dist:Belagavi

Copy submitted for kind information to:

1. The Managing Director corporate office, HESCOM Hubballi.
2. The Managing Director corporate office, BESCOM Bengaluru.
3. The Managing Director corporate office, GESCOM Kalaburagi.
4. The Managing Director corporate office, MESCOM Mangaluru.
5. The Managing Director corporate office, CESCO Mysore.
6. The Chief Engineer(El) P&C, KPTCL Kaveri Bhavan Bangalore.
7. The Chief Electrical Inspectorate to Govt of Karnataka, Nirman Bhavan, Dr Rajkumar road, Bangalore.
8. The Chief Engineer(El) TRNS Zone KPTCL Bagalkot.
9. The Chief Engineer(El) O&M Zone HESCOM Belagavi.
10. The Chief Engineer(El) SLDC KPTCL A.R Circle Bangalore.
11. The Superintendent Engineer (El) SCADA KPTCL A.R Circle Bangalore.
12. The Superintendent Engineer (El) TRNS(W&M) Circle KPTCL Belagavi.
13. The Superintendent Engineer (El) R.T. Circle KPTCL Hubballi.
14. The Superintendent Engineer (El) O&M Circle HESCOM Chikodi.

Copy to,

1. The Executive Engineer El RT Division KPTCL, Belagavi
2. The Executive Engineer El MRT Division HESCOM, Belagavi.
3. The Executive Engineer El O&M Division HESCOM, Chikodi.
4. The Asst Executive Engineer (El) O&M Sub Division HESCOM Chikodi.
5. The Asst Executive Engineer (El) 220KV R/s KPTCL Chikodi.
6. The PS to DT, KPTCL with request to place before Director (Transmission) KPTCL Bangalore.
7. Shree Doodaganga Krishna Sahakari Sakkare Karkane Niyamit Chikodi -591247
8. MF/OC

FILE-49/2017-18

**Jayprakash Jethi**

Energy Auditor

**+91 97142 53756****Annexure 3: Assurance to Avoid Double Counting**Universal Carbon Registry – Double Counting Assurance, 2021  
Strictly private and confidential

To,  
Limbaja Energy  
2 Shrijinagar, Arihantnagar Road, Near Aashapura Cottages, Kutch,  
Bhuj-370001  
Gujarat, India  
Email : [limbajaenergy@gmail.com](mailto:limbajaenergy@gmail.com)  
Website : <https://limbajaenergy.com/>

**Sub: Assurance to avoid double counting by Project Owners**

Dear Sir,

We declare the following given below:

- I, Nikhil Vedprakash, on behalf of Energy Advisory Services Private Limited, with details as provided in, incorporated in India, having registered office at Flat No. 15, 5th Floor, Sudha, 20 N.S. Road, Patel Compound, Mumbai 400036;
- I, Mr. Vittal R. Karjigi, on behalf of M/s Chidanand Basaprabhu Kore Sahakari Sakkar Karkhane Niyamit, Chikodi, having registered office at Shantappa Nagar, Chikodi, Belagavi Dist, Karnataka, India identified above, herewith confirm that:

We intend to submit/have submitted the project 28.7MW Biomass based Power Generation by M/s CBKSSKN, Chikodi by Energy Advisory Services (UCR PROJECT ID: 322) 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;

Authorised Actions. Energy Advisory Services Private Limited is authorised to act for the Project Proponent with respect 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 with mandatory domestic targets is avoided and that host country will not use the project's emission reductions to track progress towards, or for demonstrating achievement of its nationally determined contributions (NDCs).

SIGNED for and on behalf of Energy Advisory Services  
Private Limited.By: 

Name: Nikhil Vedprakash

Title: Director

Date of execution: 12/07/2023

SIGNED for and on behalf of M/s Chidanand  
Basaprabhu Kore Sahakari Sakkar Karkhane Niyamit,  
ChikodiBy: 

Name: Vittal R. Karjigi

Title: Dy. General Manager

Date of execution: 12/07/2023

**VITTAL KARJIGI**Dy. General Manager Electrical  
Chidanand Basaprabhu Kore Sahakari  
Sakkar Karkhane Niyamit, Chikodi