

Detailed Energy Audit | Electrical, Thermal | Boller House Audit | Compressor Study | Energy Monitoring | Energy Conservation | Utility Design Service

> Jayprakash Jethi Energy Auditor +91 97142 53756

Verification Report for

UCR ID No. 359

DESCRIPTION	DATA		
	M/s. Biomass Based Thermal Energy Generation By Dr. Reddy's		
Project Owner Name:	Laboratories Limited, at FTO-11, Devunipalavalasa, Srikakul		
Project Location :	Village: Devunipalavalasa,		
	Tehsil: Ranasthalam, District Srikakulam,		
	State Andhra Pradesh, Country India.		
	Latitude: 18 ⁰ 08' 57.72" N, Longitude: "83 ⁰ 37' 15.03" E		
Project Aggregator:	Dr Reddys's Labortories Ltd. (FTO -HO)		
Project Consultant	Energy Advisory Services Pvt Limited - Mumbai, Maharashtra		
Scale of the project activity	Small Scale		
Date	22 th 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	

Project Verification Report Dec 2023



Detailed Energy Audit | Electrical, Thermal | Boller House Audit | Compressor Study | Energy Monitoring | Energy Conservation | Utility Design Service

> Jayprakash Jethi Energy Auditor +91 97142 53756

COVER PAGE					
Project Verification Report Form (VR)					
BASIC INFORMATION	ON				
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	01 Energy industries (Renewable/Non-renewable sources)				
Validity of UCR approval of Verifier	Aug-2022 onwards				
Completion date of this VR 22 nd Dec 2023					
Title of the project activity	Biomass Based Thermal Energy Generation By Dr. Reddy's Laboratories Limited, at FTO-11, Devunipalavalasa, Srikakul				

Project Verification Report Dec 2023



Detailed Energy Audit | Electrical, Thermal | Boller House Audit | Compressor Study | Energy Monitoring | Energy Conservation | Utility Design Service

> Jayprakash Jethi Energy Auditor +91 97142 53756

359
Dr. Reddy's Laboratories Limited, (FTO-11) - Andhra Pradesh
Dr. Reddy's Laboratories Limited,
(FTO-11) - Andhra Pradesh
albinsonvtenny@drreddys.com 82944 21915
India
AMS-I.C.: Thermal energy
production with or without electricity - Version 22.0
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

Project Verification Report Dec 2023



Detailed Energy Audit | Electrical, Thermal | Boller House Audit | Compressor Study | Energy Monitoring | Energy Conservation | Utility Design Service

> Jayprakash Jethi Energy Auditor +91 97142 53756

	 Emission Reduction calculations Monitoring Report No GHG Double Counting 		
	Others (please mention below)		
Project Verification Criteria: Optional requirements to be assessed	Environmental Safeguards Standard and do-no-harm criteria Social Safeguards Standard do- no-harm criteria		
Project Verifier's Confirmation: The UCR Project Verifier has verified the UCR project activity and therefore confirms the following:	The UCR Project Verifier <i>Limbaja</i> Energy certifies the following with respect to the UCR Project Activity "Biomass Based Thermal Energy Generation By Dr. Reddy's Laboratories Limited, at FTO-11, Devunipalavalasa, Srikakul" The Project Owner has correctly described the Project Activity in the Project Concept Note Version 2.0 (dated 20 th Dec 2023) including the applicability of the approved methodology AMS-I.C.: Thermal energy production with or without electricity - Version 22.0 & UCR Standard for Emission Factor and		



Detailed Energy Audit | Electrical, Thermal | Boller House Audit | Compressor Study | Energy Monitoring | Energy Conservation | Utility Design Service

> Jayprakash Jethi Energy Auditor +91 97142 53756

+91 97142		
meets the methodology applicability		
conditions and has achieved the		
estimated GHG emission reductions,		
complies with the monitoring		
methodology and has calculated		
emission reductions estimates		
correctly and conservatively.		
☐ The Project Activity is likely to		
generate GHG emission reductions		
amounting to the estimated [774]		
TCO2e, as indicated in the PCN		
Version 2.0, which are additional to		
the reductions that are likely to occur		
in absence of the Project Activity and		
complies with all applicable UC		
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		

Project Verification Report Dec 2023



Detailed Energy Audit | Electrical, Thermal | Boller House Audit | Compressor Study | Energy Monitoring | Energy Conservation | Utility Design Service

> 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: 359
Name of the authorised personnel of UCR Project	Limbaja Energy
Verifier and his/her signature with date	AND A FILE REPORTED TO THE PARTY OF THE PART
	Jethi J.P.
	Jayprakash Jethi
	(Lead Verifier and Energy Auditor)
	22/12/2023
	T.A. Raymey.
	Tamizahemad Rayma
	(Energy Analyst and Verifier)
	22/12/2023



Detailed Energy Audit | Electrical, Thermal | Boiler House Audit | Compressor Study | Energy Monitoring | Energy Conservation | Utility Design Service

> Jayprakash Jethi Energy Auditor +91 97142 53756

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 "Biomass Based Thermal Energy Generation By Dr. Reddy's Laboratories Limited, at FTO-11, Devunipalavalasa, Srikakul" UCR approved project ID:359, to establish number of CoUs generated by project over the crediting period from 25/11/2022 to 31/12/2022 (both days included).

Verification for the period: 25/11/2022to 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-I.C.:** Thermal energy production with or without electricity - Version 22.0 & 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 **Biomass Based Thermal Energy Generation By Dr. Reddy's Laboratories Limited, at FTO-11, Devunipalavalasa, Srikakul** (UCR ID – 359) for the period 25/11/2022 to 31/12/2022 amounts to 774 CoUs (774 tCO2e).



Detailed Energy Audit | Electrical, Thermal | Boller House Audit | Compressor Study | Energy Monitoring | Energy Conservation | Utility Design Service

> 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 2.0, the project activity involves Biomass Based Thermal Energy Generation of installed aggregated capacity 5 TPH Boiler of Biomass Based Thermal Energy Generation By Dr. Reddy's Laboratories Limited, at FTO-11, Devunipalavalasa, Srikakul at Village Devunipalavalasa, Tehsil Ranasthalam, District Srikakulam, State Andhra Pradesh, Country India. Latitude: 18⁰ 08' 57.72" N, Longitude: 83⁰ 37' 15.03" E. The details of the project activity are verified with the project report copy submitted for verification.



Detailed Energy Audit | Electrical, Thermal | Boller House Audit | Compressor Study | Energy Monitoring | Energy Conservation | Utility Design Service

> 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 generation of Thermal Energy use in the internal Process usage of the plant. The project activity has installed capacity of 5TPH Which will qualify for a Small-scale project activity under Type-I of the Small-Scale methodology. The project status is corresponding to the methodology AMS I. C, Version 22.

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	25/11/2022		
Carbon credits claimed up to	31/12/2022		
Total Carbon Credit (tCO2eq)	782.78		
Project Emission	08.60		
Leakage Emission			
Carbon Credit (tCO2eq) after Deduction Of Project Emission	774.18		
Final Carbon Credit (tCO2eq) after Deduction Of Project Emission	774		



Detailed Energy Audit | Electrical, Thermal | Boller House Audit | Compressor Study | Energy Monitoring | Energy Conservation | Utility Design Service

> Jayprakash Jethi Energy Auditor +91 97142 53756

B. Project Verification team, technical reviewer and approver

SN	Role Last name			Involvement in			
			First name	Affiliation	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



Detailed Energy Audit | Electrical, Thermal | Boiler House Audit | Compressor Study | Energy Monitoring | Energy Conservation | Utility Design Service

> 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 2.0 is made available to verifier post approval by UCR which is considered as validated documents and the content of validated PCN Version 2.0 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".



Detailed Energy Audit | Electrical, Thermal | Boller House Audit | Compressor Study | Energy Monitoring | Energy Conservation | Utility Design Service

> 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	Tenny	Albinson	Team Member	22/12/2023	Meter calibration,
			– Project &		Double Counting
			Engineering		and project
					overview

C.4 Sampling approach: Not Applicable



Detailed Energy Audit | Electrical, Thermal | Boller House Audit | Compressor Study | Energy Monitoring | Energy Conservation | Utility Design Service

> Jayprakash Jethi Energy Auditor +91 97142 53756

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

	Areas of Project Verification findings		No. of	No. of
SN			CAR	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	-	-	-
	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
	Total	Nil	Nil	Nil

Project Verification Report Dec 2023



Detailed Energy Audit | Electrical, Thermal | Boller House Audit | Compressor Study | Energy Monitoring | Energy Conservation | Utility Design Service

> 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-I.C.: "Thermal energy production with or without electricity" - Version 22.0 Biomass Thermal Energy Generation Projects.
2	Findings	 Project activity is described through UCR approved PCN. UCR project communication agreement clearly defines the Project Proponent and Project Aggregator.
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.



Detailed Energy Audit | Electrical, Thermal | Boller House Audit | Compressor Study | Energy Monitoring | Energy Conservation | Utility Design Service

> 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 Biomass based Thermal Heat Generation. The commissioning certificate is referred. The project capacity was verified through purchase order invoices of Boiler.
2	Findings	 Project Commissioning date is mentioned in the commissioning certificate. Boiler Capacity is same as mentioned technical specifications. Biomass Purchased copy.
3	Conclusion	The description of the project activity is verified to be true based on the review of PCN Version 2.0, MR, Commissioning Certificate, Purchase Order Copies and Technical Specification sheet.



Detailed Energy Audit | Electrical, Thermal | Boller House Audit | Compressor Study | Energy Monitoring | Energy Conservation | Utility Design Service

> 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-I.C.: "Thermal energy production with or without electricity" - Version 22.0. For the applicability mentioned in the PCN Version 2.0 and MR, Commissioning certificate, documents were referred.
2	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.



Detailed Energy Audit | Electrical, Thermal | Boller House Audit | Compressor Study | Energy Monitoring | Energy Conservation | Utility Design Service

> 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-I.C.: "Thermal energy production with or without electricity" - Version 22.0. UCR Program standard, and UCR Verification Standard.
2	Findings	Emission Factor Calculated As per IPCC 2006 guidelines for National Greenhouse Gas inventories got stationary combustion and UCR Standard.
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.



Detailed Energy Audit | Electrical, Thermal | Boller House Audit | Compressor Study | Energy Monitoring | Energy Conservation | Utility Design Service

> 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 17/03/2022 Order No. 11437/APPCB/ZO-VSP/SKLM/CFE/2022
2	Findings	Project boundary is appropriately defined in PCN version 2.0 which is physical and geographical site of Boiler house.
3	Conclusion	Project boundary is correctly defined in PCN version 2.0. 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 2.0 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.



Detailed Energy Audit | Electrical, Thermal | Boller House Audit | Compressor Study | Energy Monitoring | Energy Conservation | Utility Design Service

> 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	Instrument Calibration 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	Flow Meter Calibration reports, Flow Meter Reading Reports, and General Project Eligibility Criteria and Guidance, UCR Standard,	
2	Findings	None	
3 Conclusion		Meter testing reports are promoted Meter details are mentioned Flow meters installed at the Main Meter	d below.
		Make	Forbes Marshal
		Serial No.	701100831
		Calibration Date	27-July-20



Detailed Energy Audit | Electrical, Thermal | Boller House Audit | Compressor Study | Energy Monitoring | Energy Conservation | Utility Design Service

> Jayprakash Jethi Energy Auditor +91 97142 53756



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



Detailed Energy Audit | Electrical, Thermal | Boller House Audit | Compressor Study | Energy Monitoring | Energy Conservation | Utility Design Service

> 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 2.0 and MR, Commissioning certificate 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 2.0
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

D.6 Project Owner- Identification and communication



Detailed Energy Audit | Electrical, Thermal | Boller House Audit | Compressor Study | Energy Monitoring | Energy Conservation | Utility Design Service

> Jayprakash Jethi Energy Auditor

	Ellergy Additor
+91	97142 53756

	+919/142	
SN	Particular	Remarks
1	Means of Project	PCN Version 2.0, Communication Agreement, MR,
	Verification	Commissioning certificate
2	Findings	Declared information is correct and verified.
3	Conclusion	Project owner identified through communication agreement signed between PP and PA. 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.

D.8 Sustainable development aspects (if any)



Detailed Energy Audit | Electrical, Thermal | Boiler House Audit | Compressor Study | Energy Monitoring | Energy Conservation | Utility Design Service

> Jayprakash Jethi Energy Auditor +91 97142 53756

SN	Particular	Remarks	
1	Means of Project Verification	PCN Version 2.0 were referred.	
2	Findings	Declared information is correct and verified.	
3	Conclusion	The Project addresses SDG 7 Affordable, SDG 8 Decent work, SDG 9 Innovation, SDG 12 Responsible Consumption, SDG 13 Climate Action, SDG 17 Partnership's for the goal.	

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-I.C.: "Thermal energy production with or without electricity" - Version 22.0 & UCR Standard for Emission Factor the documents submitted during the verification including the data, Project Concept Note (PCN) Version 2.0 / Monitoring Report (MR), I am able to certify that the emission reductions from the Biomass Based Thermal Energy Generation By Dr. Reddy's Laboratories Limited, at FTO-11, Devunipalavalasa, Srikakul (UCR ID – 359) for the period 25/11/2022 to 31/12/2022 amounts to 774 CoUs (774 tCO2e).

Appendix 1. Abbreviations



Detailed Energy Audit | Electrical, Thermal | Boller House Audit | Compressor Study | Energy Monitoring | Energy Conservation | Utility Design Service

> Jayprakash Jethi Energy Auditor +91 97142 53756

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



Detailed Energy Audit | Electrical, Thermal | Boller House Audit | Compressor Study | Energy Monitoring | Energy Conservation | Utility Design Service

> 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	KROHNE	Flow Meter Calibration	PA
10	APBID	Commissioning Certificate	PA



Detailed Energy Audit | Electrical, Thermal | Boller House Audit | Compressor Study | Energy Monitoring | Energy Conservation | Utility Design Service

> 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

		Tuble 1. CES from this Project ver			
CL ID	XX	Section no.	Date: DD/MM/YYYY		
Description	of CL		·		
Project Ow	ner's respo	nse	Date: DD/MM/YYYY		
Documenta	tion provid	ed 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 Ow	ner's response		Date: DD/MM/YYYY			
Documenta	tion provided by Pi	roject Owner				
IICR Proje	UCR Project Verifier assessment Date: DD/MM/YYYY					
CCKTTOJE	ct / cliller appending					

Table 3. FARs from this Project Verification

FAR ID	XX	Section no.		Date: DD/MM/YYYY			
Description	of FAR						
Project Ow	ner's response			Date: DD/MM/YYYY			
	·						
Documenta	tion provided by Pr	oject Owner					
UCR Project	UCR Project Verifier assessment Date: DD/MM/YYYY						

Project Verification Report Dec 2023



Detailed Energy Audit | Electrical, Thermal | Boller House Audit | Compressor Study | Energy Monitoring | Energy Conservation | Utility Design Service

> Jayprakash Jethi Energy Auditor +91 97142 53756

Annexure 1: Photographs of the plant







Detailed Energy Audit | Electrical, Thermal | Boller House Audit | Compressor Study | Energy Monitoring | Energy Conservation | Utility Design Service

> Jayprakash Jethi Energy Auditor +91 97142 53756







Detailed Energy Audit | Electrical, Thermal | Boller House Audit | Compressor Study | Energy Monitoring | Energy Conservation | Utility Design Service

> Jayprakash Jethi Energy Auditor +91 97142 53756

Annexure 2: Date of Commissioning

GOVERNMENT OF ANDHRA PRADESH BOILERS DEPARTMENT

From
B. Uma Maheswara Rao, B.E.,
Director of Boilers,
Andhra Pradesh, Amaravati,
Plot No.XIV – D 5 & 6, 2nd Floor,
D.No.54-10-19,
Opp: New Telephone Exchange,
Jawahar Autonagar,
Vijayawada – 520 007.
Email: dir_boilers@ap.gov.in

M/s.Dr.Reddy's Laboratories Ltd., FTO-II, S.No.1,28,30 to 39, APIIC, Industrial Park, Pydibhimavaram, Ranasthalam(M), Srikakulam District.

Lr.No. B1/5918/2022, dated:17.01.2023.

Sir.

Sub: The Boilers Act, 1923 and Indian Boiler Regulations, 1950 – Boiler No. AP-7161 at M/s. Dr.Reddy'sLaboratories Ltd., FTO-II,S.No.1,28,30 to 39, APIIC, Industrial Park,Pydibhimavaram,Ranasthalam (M), Srikakulam District – Certificate countersigned and forwarded – Regarding.

Ref: File.No.LAE19/312/2022-ZO-DCI-VSP, dated: 11.01.2023 of the Deputy Chief Inspector of Boilers, (Visakhapatnam Region), Visakhapatnam.

The Certificate No.11432 dated: 27.12.2022 for use of Boiler No. AP/7161 Type:HMT/WWF, Rating: 208 M², Working Pressure: 10.55 Kg/Cm² valid from 15.09.2022 to 01.09.2023 received through the reference cited is countersigned and forwarded herewith for your records.

The receipt of the Certificate shall be acknowledged.

~

Yours faithfully,

Encl: Certificate No. 11432, dated: 27.12.2022.

Copy to the Deputy Chief Inspector of Boilers, (Visakhapatnam Region), Visakhapatnam.

ANDHRA PRADESH, AMARAVATI

DIRECTOR OF BOILERS

Project Verification Report Dec 2023



Detailed Energy Audit | Electrical, Thermal | Boller House Audit | Compressor Study | Energy Monitoring | Energy Conservation | Utility Design Service

> Jayprakash Jethi Energy Auditor +91 97142 53756

Annexure 3: Assurance to Avoid Double Counting



Dr.Reddy's Laboratories Ltd. 8-2-337, Road No. 3, Banjara Hills, Hyderabad – 500 034, Telangana, India. CIN: L85195TG1984PLC004507

Tel: +91 40 4900 2900 Fax: +91 40 4900 2999 Email: mail@drreddys.com www.drreddys.com

Universal Carbon Registry - Double Counting Assurance, 2021Strictly private and confidential

To, Limbaja Energy 2 Shrijinagar, Arihantnagar Road, Near Aashapura Cottages, Kutch, Bhuj Gujarat—370001, India Email: limbajaenergy@gmail.com

Sub: Assurance to avoid double counting by Project Owners

Dear Sir

We declare the following given below:

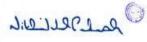
- I, Nikhil Vedprakash, on behalf of Energy Advisory Services Private Limited, with details as provided in, incorporated in India, having registered office at Flat No. 15, 5th Floor, Sudha, 20 N.S. Road, Patel Compound. Mumbai 400036:
- I, Albinson Tenny, on behalf of M/s Dr Reddys's Labortories Ltd., having registered office At Survey No. 42,45,46 & 54, Bachupally, Qutubullapur Mandal, Ranga Reddy District, Telengana,500100 identified above, herewith confirm that:

We intend to submit/have submitted the project Biomass Based Thermal Energy Generation By Dr. Reddy's Laboratories Limited, at FTO-11, Devunipalavalasa, Srikakulam, AP (UCR PROJECT ID: 359) 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 Consultant withrespect 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)







Detailed Energy Audit | Electrical, Thermal | Boller House Audit | Compressor Study | Energy Monitoring | Energy Conservation | Utility Design Service

> Jayprakash Jethi Energy Auditor +91 97142 53756



Dr.Reddy's Laboratories Ltd. 8-2-337, Road No. 3, Banjara Hills, Hyderabad – 500 034, Telangana, India. CIN: 185195TG1984PLC004507

Tel: +91 40 4900 2900 Fax: +91 40 4900 2999 Email: mail@drreddys.com www.drreddys.com

- (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 Dr Reddys's Labortories Limited SIGNED for and on behalf of Energy Advisory Services Private Limited



Name: Mr. Albinson Tenny
Title: Team Member-Project and Engineering
Date of execution: 21/09/2023

Parlacies 6. No.

Name: Mr. Nikhil Vedprakash Title: Director Date of execution: 21/09/2023