

## Verification Report for

### UCR ID No. 344

DESCRIPTION	DATA
<b>Project Owner Name :</b>	<b>M/s AP Tribal Power Company Limited</b>
<b>Project Location :</b>	Village: Vetamamidi, Tehsil: Addateegala
	Latitude: 17°28'40" N, Longitude: 81°59'20" E
	District: Alluri Seetaram Raju, Andhra Pradesh, 533428 India
<b>Project Aggregator:</b>	Energy Advisory Services Pvt Limited - Bangalore - Karnataka.
<b>Scale of the project activity</b>	Small Scale
<b>Date</b>	30 <sup>th</sup> Oct -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	30 <sup>th</sup> Oct 2023
Title of the project activity	1.2 MW Vetamamidi Mini Hydel Power Project by AP Tribal Power Company Limited
Project reference no. (as provided by UCR Program)	344

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<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)	<b>AMS-I.D.:</b> “Grid connected renewable electricity generation version-18”
<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

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	<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 <b>"1.2MW Vetamamidi Mini Hydel          Power Project by AP Tribal Power          Company Limited"</b> <input checked="" type="checkbox"/> The Project Owner has correctly described the Project Activity in the Project Concept Note Version 2.0 (dated 27 <sup>th</sup> Oct 2023) including the applicability of the approved methodology <b>AMS-ID.:</b> Grid connected renewable electricity generation version-18 & UCR Standard for Emission Factor and meets the methodology applicability conditions and has achieved the

	<p>estimated GHG emission reductions, complies with the monitoring methodology and has calculated emission reductions estimates correctly and conservatively.</p> <p>☒ The Project Activity is likely to generate GHG emission reductions amounting to the estimated [20,663] TCO<sub>2e</sub>, 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 UCR rules, including ISO 14064-2 and ISO 14064-3.</p> <p>☒ The Project Activity is not likely to cause any net-harm to the environment and/or society</p> <p>☒ The Project Activity complies with all the applicable UCR rules<sup>1</sup> and therefore recommends UCR Program to register the Project activity with above mentioned labels.</p>
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<b>Project Verification Report, reference number and date of approval</b>	Verification Report UCR Project ID: 344
<b>Name of the authorised personnel of UCR Project Verifier and his/her signature with date</b>	<p>Limbaja Energy</p> <div style="display: flex; align-items: center;">  <div> <p><u>Jethi J.P.</u></p> <p>30/10/2023</p> </div> </div>



## 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 “1.2MW Vetamamidi Mini Hydel Power Project by AP Tribal Power Company Limited UCR **approved project ID:344**, to establish number of CoUs generated by project over the crediting period from 01/01/2016 to 31/12/2022 (both days included).

#### **Verification for the period: 01/10/2016 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-I.D.:** Grid connected renewable electricity generation version-18 & 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 **1.2MW Vetamamidi Mini Hydel Power Project by AP Tribal Power Company Limited** (UCR ID – 344) for the period 01/01/2016 to 31/12/2022 amounts to 20,663CoUs (20,663 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 2.0, the project activity involves Hydro Power project of installed aggregated capacity of 1.2 MW Vetamamidi Mini Hydel Power Project by AP Tribal Power Company Limited at Latitude: 17°28'40" N, Longitude: 81°59'20" E Vetamamidi Village, Addateegala Mandal, Rampachodavaram Division, Alluri Seetharamraju District, Andhra Pradesh –533428 (India). The project is an operational activity with continuous reduction of GHG, currently the details of the project activity are verified with the project report copy submitted for verification.



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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 Hydro Generation Power project for selling it to State Electricity Grid and Private Party. The project activity has installed capacity of 1.2 MW 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-ID.:** Grid connected renewable electricity generation version-18.

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	01/01/2016
Carbon credits claimed up to	31/12/2022
Total Carbon Credit (tCO <sub>2</sub> eq)	20,663
Project Emission	0
Leakage Emission	0

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## 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

## **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, 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”.

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## 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.	Prasad	M.N. Nuthan	DGM (F&A)	20/10/2023	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 AMS-I.D.: “Grid connected renewable electricity” Version 18.0 Hydro 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 Hydro Turbine Generator Project. 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>	1. Project Commissioning date is mentioned in the commissioning certificate. 2. Hydro Turbine Generator Capacity is same as mentioned technical specifications. 3. Project implementation and sale of energy abide the Power Purchase Agreement.
3	<b>Conclusion</b>	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.

## 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 AMS-I.D.: “Grid connected renewable electricity” Version 18.0. For the applicability mentioned in the PCN Version 2.0 and MR, 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.

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## 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 AMS-I.D.: “Grid connected renewable electricity” Version 18.0. 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 not exceed 15 MW thus meeting the requirement of small-scale project.

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

SN	Particular	Remarks
1	<b>Means of Project Verification</b>	Letter from Andhra Pradesh Pollution Control Board dated 17/09/2004 Consent order No: APPCB/VSP/RJY//633/HO/2004/34135/-
2	<b>Findings</b>	Project boundary is appropriately defined in PCN version 2.0 which is physical and geographical site of power house.
3	<b>Conclusion</b>	Project boundary is in line with the applied methodology.

### D.3.4 Baseline scenario

SN	Particular	Remarks
1	<b>Means of Project Verification</b>	PCN 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 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	<b>Means of Project Verification</b>	Meter Calibration reports, Export Meter Reading Reports, and General Project Eligibility Criteria and Guidance, UCR Standard
2	<b>Findings</b>	None
3	<b>Conclusion</b>	Meter testing reports are provided Meter details are mentioned below.  Energy meters installed at the site: Customer Name.: M/s. AP Tribal Power Company Limited

## Main Meter:

<b>Make</b>	Secure
<b>Serial No.</b>	APZ01203
<b>Calibration Date</b>	21-June-22



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 2.0 and MR, Commissioning certificate, Detailed Project Report and Power Purchase Agreement 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 2.0 were referred.
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 2.0, Communication Agreement, MR, 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 2.0 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, CDM UNFCCC Methodology AMS-I.D.: Grid connected renewable electricity generation version-18 & UCR Standard for Emission Factor and 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 1.2MW Vetamamidi Mini Hydel Power Project by AP Tribal Power Company Limited (UCR ID – 344) for the period 01/01/2016 to 31/12/2022 amounts to 20,663CoUs (20,663 tCO<sub>2</sub>e).

## Appendix 1. Abbreviations

SN	Abbreviations	Full texts
1	UCR	Universal Carbon Registry
2	APPCB	Andhra Pradesh Pollution Control Board
3	PGCIL	Power Grid Corporation of India Ltd.
4	APTRANSCO	Andhra Pradesh Transmission Corporation
5	APSPDCL	Andhra Pradesh Southern Power Distribution Company Limited
6	SDES	Sri Daakshyaani Energy Solutions
7	MR	Monitoring report
8	PCN	Project Concept Note
9	VR	Verification Report
10	VS	Verification Statement
11	DAA	Avoidance of Double Accounting Agreement
12	COD	Commercial Operation Date
13	PP/PO	Project Proponent / Project Owner
14	PA	Project Aggregator
15	PPA	Power Purchase Agreement
16	WBA	Wheeling and Banking Agreement
17	ER	Emission Reduction
18	COUs	Carbon offset Units.
19	tCO <sub>2</sub> e	Tons of Carbon Dioxide Equivalent
20	kWh	Kilo-Watt Hour
21	MWh	Mega-Watt Hour
22	kW	Kilo-Watt
23	MWh	Mega-Watt
24	CDM	Clean Development Mechanism
25	SDG	Sustainable Development Goal
26	CAR	Corrective Action Request

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SN	Abbreviations	Full texts
27	CR	Clarification Request
28	FAR	Forward Action Request
29	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	SDES	Meter Calibration	PA
7	APTRANSCO	Electricity Export Bill	PA
8	APTRANSCO	PPA	PA
9	APEPDCL	Commissioning Certificate	PA

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## 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



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### Annexure 1: Photographs of Plant



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## Annexure 2: Commissioning certificate

### Hydro Power Generator

FROM : TRAC CORP OFFICE APEPDCL USP

FAX NO. : 08912582230

8 May 2012 1:03PM P1



From  
 The Chairman & Managing Director,  
 APEPDCL,  
 Visakhapatnam.

To  
 Sri.Somesh Kumar, IAS,  
 Commissioner of Tribal Welfare,  
 Managing Director / APTRIPCO,  
 1st floor, DSS Bhaan, Masab Tank,  
 Hyderabad - 28.

Lr.No.CMD/EPDCL/VSP/CGM/Comm1 & RA/ VSP/D.No. 991/12, Dt. 05.12.

Sir,

Sub: APEPDCL - Corporate Office - VSP - PP - 1.2 MW Minihydel Power project set up by APTRIPCO on Yeleru reservoir at Vetamamidi (V), Addateegala (M) in E.G.Dist - Declaration of COD on 30.11.11 - Representation received from the Commissioner/ Tribal Welfare for revision of COD as 29.03.11 - Reg.

- Ref: 1) D.O.Lr.No.APTRIPCO/04/2007-08,dt.12.01.12, received on 27.01.12  
 2) Lr.No.SE/O/RJY/ADE/Comm1/F.RJY-955/D.No.476/12,dt.20.03.12  
 3) RC.No.APTRIPCO/04/07-08,dt.22.03.12 received on 30.03.12  
 4) Lr.No.APTRIPCO/TEC-M/04/D.No.060/07-08,dt.13.04.12

\*\*\*\*\*

This is with reference to the D.O.letter under ref(1) cited.

It is to submit that APTRIPCO registered under companies act 1956 in 2002, set up 1.2 MW Minihydel Power project at Vetamamidi (V), Addateegala (M) in E.G.Dist.

At the request of the developer, an HT SC No RJY955 was released in the name of president, Vetamamidi mini hydel power project committee, on 29.03.11 and subsequently the unit was synchronized with grid on 15.04.11 and since then infirm power is being pumped into APGRID. But the payment will be made only from the date of declaration of Commercial Operation i.e (COD). In this case, the COD is declared on 30.11.11 from which the developer is eligible for payments subject to furnishing of joint meter readings certified by both the Divisional Engineers concerned i.e DE / Operation / Jaggampeta and DE/TL&SS/Bommuru.

In the D.O. letter under ref (1) cited, it is contended by the Commissioner / Tribal Welfare that the COD of the project shall be reckoned as 29.03.11 instead of 30.11.11 on the plea that the energy meters were fixed on 29.03.11 and whatever the units that were generated and pumped into the grid, started recording from 29.03.11 even though the unit was synchronized with grid on 15.04.11.

In this connection, it is submitted that no generation would be recorded from 29.03.11 in as much as the unit was synchronized with grid only on 15.04.11. It is a fact that infirm power would be generated and pumped into grid only w.e.f 15.04.11 but not from 29.03.11.

P.T.O



AO  
 P. Kumar  
 15/5/12



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AC CORP OFFICE APEPDCL USP

FAX NO. : 08912582230

8 May 2012 1:04PM P2

And further, the date of synchronization of the unit i.e 15.04.11 also cannot be considered as COD in view of the following.

i) In the PPA dt.20.02.2007 at clause 1.3 stipulates the following.

**Commercial Operation Date (COD) :-** means, with respect to each Generating unit, the date on which such generating unit is declared by the project committee to be operational, provided that the project committee shall not declare a generating unit to be operational until such generating unit has completed its performance acceptance test as per standards prescribed

**Explanation:** In respect of Non-conventional based power projects the date of synchronization of the first unit of the project will be treated as the Commercial Operation Date of the project since Ministry of Non-conventional Energy sources not specified any guidelines for declaration of the Commercial Operation Date (COD).

ii) The APERC in its Regulation 1 of 2008 stipulated that the COD means –

"In relation to a unit of a generating station means the date declared by the generator after demonstrating the Maximum Continuous Rating (MCR) or installed capacity (IC) through a successful trial run after notice to the beneficiaries and in relation to the generating station means the date of commercial operation of the last unit or block of the generating station".

As mentioned above, there must be operational test of running the unit to the Continuous Maximum Rating or its installed capacity in the presence of beneficiary i.e APEPDCL should have been carried out for declaring Commercial Operation Date of the unit. This was not done as per the report furnished by the project developer. Only the machine was loaded to 0.4 MW as against 1.2 MW i.e installed capacity. Therefore, the performance acceptance test report furnished by the developer did not conform to the regulation 1 of 2008 of APERC and the condition stipulated under clause 1.3 of the PPA dt.20.02.2007. And that too, the developer could not furnish the Joint Meter Readings certified by both the Divisional Engineers i.e. DE/O/Jaggampeta and DE/TL&SS/Bommuru from 29.03.11 to 30.11.11 without which payments cannot be made. The reason is that these certified JMR's will come into picture only after declaration of Commercial Operation Date.

To fulfill the above conditions and at the request of the project developer / APTripco, the performance acceptance test was conducted on 30.11.11 only and declared the project COD as 30.11.11 after satisfied with the conditions.

Under the circumstances explained above, it is submitted that the revision of Commercial operation date of the project as 29.03.11 as requested may not be possible to be considered.

Submitted for kind information please.

  
 Chairman & Managing Director  
 APEPDCL::Visakhapatnam

Copy to the Executive Director/APTripco/Hyderabad  
 Copy to the Joint Managing Director / APTransco/ Vidyuth Soudha / Hyderabad

**DESPATCHED**

Dt. 01-05-12

**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 A ashapura 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, Prabhakar Pokuri, Executive Director on behalf of M/S AP Tribal Power Company Limited, having registered office at D.No.40-6-22A, 3rd Floor, Revenue Colony, Moghalirajpuram, Vijayawada-520010, AP identified above, herewith confirm that:

We intend to submit/have submitted the project 1.2MW Vetamamidi Mini Hydel Power Project at AP Tribal Power Company Limited by Energy Advisory Services Pvt Ltd (UCR PROJECT ID: 344) 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. Energy Advisory Services Private Limited is authorised to act for the Project Proponent with respect to state the following:

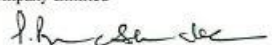
- The project is not registered more than once with the UCR program
- The project is not registered under any other GHG program (voluntary or compliance)
- (If a project is registered with more than one program), That the offset credits are cancelled by (name of program) before offset credits are submitted 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 LimitedBy: 

Name: Nikhil Vedprakash

Title: Director

Date of execution: 17/10/2023

SIGNED for and on behalf of AP Tribal Power  
Company Limited  
**Executive Director**  
By: **AP Tribal Power Co. Ltd.**  
**Vijayawada.**

Name: Prabhakar Pokuri

Title: Executive Director

Date of execution: 17/10/2023