



WHITE LION ENERGY CARBON PDD PROGRAM

PDD DEVELOPMENT AND REGISTRATION OF AN INITIAL PROJECT DESIGN DOCUMENT FOR A BIOMASS/ TIRE WASTE ENERGY PLANT

Stage One – Project Design Documents (PDD)

This document outlines the development of Stage One Project Design Documents (PDDs), which enable White Lion Energy customers to leverage carbon credit insurance. This insurance can be used to secure loan financing, attract investors, enhance financial statements, create stable coins or tokens, or provide forward sales buyers with confidence in their purchases. During this stage, the project is registered with the Carbon Registry, and the documents are uploaded.

Stage Two – Monitoring and Verification

At a later date, Stage Two PDD documents are required. This stage includes digital Monitoring, Reporting, and Verification (dMRV) of the project's performance to calculate emission reduction results. This process typically takes place about one year after commissioning the technology. Following a third-party audit, carbon credits may then be issued.

Development of the Project Design Document (PDD)

The Project Design Document (PDD) registration is uploaded to the **Verra Carbon Registry** for assessment by carbon credit insurers. It is a comprehensive project description that includes estimated emission reductions.

Key Components of the PDD

The **Scope of Works** section is a critical part of the PDD, detailing the project's design and planned activities. It typically includes:

- **Project Location and Description:** Specifies the physical location and provides a general overview of the project's purpose and operations.
 - **Baseline Scenario:** Outlines the projected emissions that would occur if the project were not implemented, establishing the reference point for emission reductions.
 - **Project Boundary:** Defines the spatial, temporal, and technological limits of the project to determine which emissions are included or excluded.
 - **Methodology:** Identifies the approved methodology to calculate GHG emission reductions, ensuring compliance with relevant carbon market or program standards.
 - **Technology and Activities:** Describes the specific technologies, equipment, and activities to be implemented to achieve emission reductions.
 - **Estimation of GHG Reductions:** Includes scientific calculations and data to quantify the expected greenhouse gas reductions or removals resulting from the project.
 - **Additionality:** Demonstrates that the emission reductions are additional to what would have occurred without the project.
 - **Monitoring Plan:** Provides a comprehensive strategy for monitoring, reporting, and verifying the project's emissions throughout its lifecycle to ensure accurate carbon credit issuance.
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PDD Program Cost

The assignment can typically be completed within **six (6) weeks** after contract signing.

- **Stage 1 Cost:** USD \$30,000
- **Stage 2 Cost:** USD \$15,000

Note: An additional fee of **\$2,000** is payable by the client (as project owner) directly to the Carbon Registry for each project, following our instructions.

Additional Information

- **Third-Party Auditor:** A verifier from the Carbon Registry's approved auditor list must be engaged. This audit typically costs between **\$25,000–\$30,000 per project** and is performed **six months to one year** after plant operations begin.

- **Verra Carbon Credit Issuance Fees:**
 - A **VCU Issuance Levy** of **\$0.23 per Equivalent Reduction (ERR)** claimed (effective **January 1, 2026**).
 - Other fees include services such as **Verification Review**, which costs **\$5,000**, with a **\$2,500 prepayment** credited toward future issuance levies.

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