# Quality Assurance Plan for HVEC

**Prepared by: HVEC PMO** **Date:** Jan. 11, 2024

1.0 **Draft Quality Assurance Plan**

1.1 ***Introduction:*** Designing an effective internal dashboard for an electric utility company's data analytics requires careful consideration of the key features that can support informed decision-making

1.2 ***Purpose:*** Develop and implement a data analytics dashboard to provide functional analysis

1.3 ***Policy Statement:*** Prove the best quality product at a reasonable price

1.4 ***Scope:*** High Voltage’s development team will create and implement a data analytics dashboard that provides field measurements, weather forecasting, predicative analytics, security, and access control along with revenue and production cost.

2.0 **Management**

***Organizational Structure:***

HVEC President, HVEC VP, Engineers, IT Development Team, Data Analytics Team, Marketing Team

***Roles and Responsibilities:***

Senior Management: Final Approval

Task Leader: Product Implementation

Quality Assurance Team: Product quality

Technical Staff: Development

3.0 **Quality Assurance Procedures**

Walkthrough Procedure

Review Process

Audit Process

Evaluation Process: Test the product for functionality

Process Improvement:

5.0 **Problem Reporting Procedures**

Noncompliance Reporting Procedures

6.0 **Quality Assurance Metrics**

Conduct a series of product tests that can help predict or observe flaws