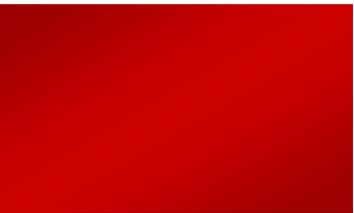


Enabling Compliance and Reporting around Air/GHG

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How do you manage compliance with ever increasing regulatory requirements and reporting requests? CenterPoint Energy Midstream Operations facilitated regulatory compliance as well as gained efficiency through software implementation, data flow analysis, and improved quality processes. Achieving the goal of streamlined data collection and calculations, CenterPoint uses their environmental information management system (EMS) to manage a myriad of reporting requirements.

Abstract

CenterPoint systematically worked through an Information Strategy to ensure compliance with an ever growing regulatory environment. They developed and met stringent data management requirements including the implementation of an off the shelf solution and integration of disparate legacy systems. Establishing robust data management processing and calculations, simplifying reporting, and building the foundation for continued expansion into new regulatory requirements and other EHS initiatives.



Processes

CenterPoint began by creating well defined requirements and a vision of their EMS. CenterPoint then reviewed options for a solution. Software was chosen based on existing and future requirements using an approach that compared each solution against specific CenterPoint business and functional scenarios and a defined set of evaluation criteria.

The implementation then focused on specific initiatives deploying in phases (GHG first followed by Air and Compliance). The phases allowed for the project team to adapt to regulatory and company drivers that occurred throughout the project life-cycle.

Deployment was targeted to a specific audience, Corporate EHS.

Their team approach supported the project success. The end-users were engaged throughout the implementation. The team was *hands-on* during deployment gaining valuable knowledge. And, solution ownership and overall buy-in by all stakeholders increased from demonstrating results during deployment.

Solution

ERM assisted CenterPoint in the implementation of IHS' Essential Suite and Process Data Manager to manage their requirements for Air and GHG reporting.

Integration was integral to process efficiencies gained by CenterPoint.

- Data from Maximo includes operating hours, blowdown events, and process flows.
- Data from Gas Information System includes gas flow and composition.
- Business rules check data validity, refresh modified data, and analyze information for determining reporting requirements.



Benefits

- Consolidated management of data provides easier ability to compare facilities and ensure data consistency across the company
- Integration with Maximo and Process Data minimizes effort and time for generating annual reports. Integration also allows for moving towards monthly reviews/analysis of information vs. annual reporting.
- Allows for quick response to ad-hoc requests from Stakeholders.

Future Plans

CenterPoint continues to look for opportunities to leverage their investment in EMS. The success of the implementation generated interest in expanding the scope of the EMS for other EHS programs.

- Improvements to the existing data management process around engine data for compliance with RICE MACT
- Two way communications with Maximo for compliance task tracking
- Full deployment of Incident and Audit functionality
- Fully Automated MRR Reporting
- Automate Data Quality Checks

