

TRI-STATE GENERATION AND TRANSMISSION ASSOCIATION IMPLEMENTS COMPLIANCE STATUS MONITORING PROGRAM

Enviance capabilities result in reduced burden of labor, increased accountability for Tri-State.

Tri-State Generation and Transmission Association is a wholesale electric power supplier owned by the 44 electric cooperatives it serves. Tri-State generates and transmits electricity to its member systems throughout a 200,000 square-mile service territory across Colorado, Nebraska, New Mexico and Wyoming. Serving approximately 1.5 million consumers, Tri-State's power is generated through a combination of owned baseload and peaking power plants that use coal and natural gas as their primary fuels.

As part of Tri-State's mission to provide its member owners a reliable, cost-based supply of electricity while maintaining a sound financial position through effective utilization of human capital and physical resources, the association sought a way to compare the environmental performance of its facilities, while capturing an accurate record and history of compliance obligations completed.

Tri-State's existing process did not easily identify which employee from which group did what task. In order to try to understand that, an administrative employee had to manually run a report, extract the data, parse it out accurately and manually verify who belonged to that group. With hundreds of obligations required each month, this was highly timeconsuming—and prone to human error. In addition, the process did not definitively demonstrate whether a task had or had not been completed.

Seeking to improve its practices and processes, Tri-State found that the Enviance System provided a way to both reduce the burden of labor and increase accountability.

Tri-State now uses Enviance to run automated reports every night, which show the association via dashboard its progress and performance relating to compliance task completion every day – and is used to measure against Tri-State's 90 percent on-time completion key performance indicator (KPI).

The automated report dashboards are set up at a user-specific level to show overdue tasks and to which group the employee belongs. In addition, reports are also management-level specific, providing insight into additional resources needed and which facilities are experiencing a high burden of labor. Facility level reports help the association compare all combustion turbine or coal-fueled facilities against one another.

With more than 10,000 compliance requirements annually, the Enviance System reports provide Tri-State with forensic insight into compliance management and a granular understanding of its compliance task completion by facility, enterprise and employee. Used for Tri-State's Compliance Status Monitoring program, the Enviance System reports provide metrics such as:

- Total tasks for rolling year to current date
- Number of overdue tasks
- Percentage of overdue tasks
- Number of tasks completed overdue or on-time
- Number of total tasks completed

As a result of using the Enviance reports, Tri-State has saved time and burden of labor, increased accountability and gained the visibility into employee, facility and management environmental performance to make strategic decisions that improve the association's overall environmental compliance.

Tri-State invested significant manpower hours to understand and compare the compliance performance of its facilities; Tri-State had to rely on a single resource to provide compliance insight. The association did not have an automated mechanism to easily present task completion data for environmental professionals and upper management on a monthly basis or ad-hoc. Tri-State was reliant on manual reporting and verification of the tasks associated with its more than 10,000 compliance requirements annually.

Tri-State now runs automated nightly reports using Enviance, which provide dashboards to understand compliance completion data at a glance. Comparative reports include number of overdue tasks, percentage of overdue tasks and number of total tasks completed—by facility, enterprise and employee.

The Benefits

- Increased accountability
- Reduced burden of labor
- Accurate measurement against Key Performance Indicators
- Ability to compare facilities' performance

Based in Carlsbad, California, Enviance is a leader in cloud-based Environmental, Health and Safety (EH&S) software, leveraging cloud computing technology to deliver its platform online in real-time—anywhere, anytime and enterprise-wide. Deployed by some of the world's leading corporations and governments, the company's solutions enable organizations to better measure, manage and report mission-critical EH&S data.

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