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FROM THE PROGRAM MANAGER

Welcome to our February - March 2025 feedback via the Army Meter Service issue of the Meter Data Management System Update (MDMS), designed to keep you informed on the growth and latest developments of the Meter Data Management System and the Army Metering Program.

Our first article is yet another success story from the 88th Readiness Division and highlights their collaborative work with both the MDMS Outreach Team and the Pacific Northwest National Laboratory (PNNL) Federal Energy Decision System (FEDS). The 88th is one of the most active participants in our Trail of Champions program.

As always, our mission is to improve the MDMS experience for end users. Your input is valuable, and we welcome your

Desk (AMSD) at: cehnc-army-meterhelp@usace.army.mil



From the Program Manager 1

The Success Story of 1-2 Building 50: A Model for Energy Efficiency and Collaboration

THE SUCCESS STORY OF BUILDING 50: A MODEL FOR ENERGY **EFFICIENCY AND COLLABORATION**

This article is yet another success story from the 88th Readiness Division (RD) based on their collaboration with the MDMS Outreach Team and their continued efforts as part of the Trail of Champions program. The Trail of Champions program was briefed in the Volume 9, Issue 6: Aug. – Sep. 2024 issue of the MDMS Update newsletter.

The Building 50 project stands to show the power of data-driven decision-making and cross-disciplinary collaboration in achieving significant energy efficiency improvements. Through a structured four-step approach-data analysis, energy audits, tailored recommendations, and strategic equipment selection—this initiative has not only optimized energy usage but also fostered a culture of teamwork and accountability.

Leveraging Data for Actionable Insights

The project commenced with a comprehensive data analysis using the Meter Data Management System (MDMS), a crucial tool in identifying energy-saving opportunities. By analyzing energy consumption patterns, the team was able to pinpoint inefficiencies and prioritize interventions that would yield the greatest impact. The insights gained from MDMS guided the next phase of the project-the on-site energy audit.

Validating and Refining Strategies Through Energy Audits

A thorough on-site energy audit provided an in-depth evaluation of key building systems, including HVAC, lighting, and control mechanisms. This audit served to validate the findings from the MDMS analysis while also uncovering additional energy-saving opportunities. The results formed the basis for a detailed action plan tailored to Building 50's unique operational needs.

Strategic Decision-Making for Maximum Efficiency

Following the audit, a comprehensive report was developed, outlining customized recommendations to enhance energy performance. This roadmap equipped facility managers with the knowledge needed to (Continued on pg. 2)

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THE SUCCESS STORY OF BUILDING 50: A MODEL FOR ENERGY EFFICIENCY AND COLLABORATION (CONT. FROM PG. 1)

implement effective energy conservation measures while optimizing operational costs.

To ensure the selection of the most energy-efficient equipment, the **Pacific Northwest National Laboratory (PNNL) Federal Energy Decision System (FEDS)** was integrated into the evaluation process. This tool enabled stakeholders to compare various building system configurations, ensuring that the final selections maximized both energy efficiency and cost-effectiveness.

Collaboration: The Cornerstone of Success

A defining factor in the success of the Building 50 project was the emphasis on clear roles, teamwork, and accountability. By fostering a collaborative environment, team members were able to openly exchange ideas, provide constructive feedback, and work toward innovative solutions that ultimately enhanced project outcomes.

A Blueprint for Future Energy Efficiency Initiatives

The Building 50 project serves as an example for government facilities seeking to improve energy efficiency and sustainability. By combining advanced data analysis, thorough auditing, and strategic decision-making with a culture of collaboration, this initiative could achieve:

- Significant energy savings
- Lower maintenance costs
- Extended equipment lifespan
- Improved space utilization

This success story highlights the importance of structured energy management and cooperative engagement, offering valuable insights for organizations striving to optimize their facilities while advancing sustainability goals. Kudos to the 88th and especially Cody Kabus, Resource Efficiency Manager (REM) for sharing this success story.

We look forward to continuing our work with the 88th and all of our current champions and welcome more to join the journey. As we continue working with new EMs, we introduce them to MDMS and guide them through the processes and workflows to identify issues and potential projects. If you'd like to volunteer as a champion, please reach out to the AMSD.

