

Abstract #: 245

Author Name: Gail Mosey

Author Company: National Renewable Energy Laboratory (NREL)

Second Author's Name: Hayes Jones, Federal Energy Management Program (FEMP)

Department of Energy (DOE)

**Abstract Title: Institutional Change in Energy Management of Federal Government and Commercial Buildings**

Abstract Text:

State-of-the-art technology can only scratch the surface; institutional change reaches the bedrock. People need to make informed decisions if they are to adopt new procedures, use new technology, and deliver an excellent energy management program. Institutional change is one of the most important activities of the U.S. Department of Energy's Federal Energy Management Program (FEMP) and, in cooperation with other efforts such as ISO 50001, is developing a pathway to energy management excellence based on institutional management. This paper will investigate FEMP's Energy Management Readiness Indicator (EMRI) as an instrument of persistent and transformative change. It presents a strategic approach that involves multiple and ongoing efforts throughout an organization and a rethinking of the user-building interface. This paper will describe how to navigate and leverage indicators such as EMRI to improve energy management; demonstrate and interpret the differences between qualitative and quantitative data; demonstrate cascading indicators and enhance the ability to understand, provide input for, and use indicators to measure cost effectiveness, customer satisfaction, and program effectiveness; and prioritize areas for improvement as these effect institutional change. EMRI focuses on energy management for federal government facilities and buildings but can be broadened to non-federal applications. It encompasses energy efficiency, renewable energy, and energy procurement and acquires information through agency surveys and provides an indicator of energy management excellence. EMRI will gather agency information that can be used to leverage energy management best practices and address challenges to energy management, and guide FEMP in providing excellent service to the federal customer.