

## **FEMP 31**

### **Guiding Principle II: Optimize Energy Performance**

In the course, Guiding Principles for Existing High Performance and Sustainable Buildings, **Guiding Principle II, Optimize Energy Performance**, you will learn strategies for meeting the compliance requirements and recommended evidence of compliance for **Guiding Principle II**.

The Office of Management and Budget (OMB) uses the Guiding Principles to score federal agencies' progress and compliance within the Green Buildings category on annual agency scorecards.

This course focuses on the following fundamentals to meet and document compliance for high performance and sustainable buildings in a Federal facility, including energy efficiency, on-site renewable energy generation, measurement and verification, and benchmarking.

By successfully completing this course, you will learn to:

- identify and implement sustainable operations and maintenance practices in the areas of energy efficiency and environmental quality;
- apply tools such as the EnergyStar Portfolio Manager to baseline and benchmark facilities, assess existing conditions, identify opportunities for improvement, and establish implementation plans and metrics to comply with the Guiding Principles;
- recognize decision points and opportunities to implement sustainable strategies to achieve integrated, holistic and cost effective improvements; and
- document meeting the Guiding Principle requirements through conformance with the recommended evidence of compliance.

### **Instructor**

The instructor for this course is Sarah Jensen, technical lead for sustainable buildings at the U.S. Department of Energy Federal Energy Management Program (FEMP). Ms. Jensen works to help agencies identify and implement sustainable building strategies and co-chairs the Interagency Sustainability Working Group (ISWG) with GSA. She most recently served as deputy director and environmental counsel for the Green the Capitol Office for the U.S. House of Representatives. She received a bachelor's degree in mass communications from James Madison University and a juris doctorate degree in energy, environment, and natural resources law from Northwestern School of Law at Lewis and Clark University.