

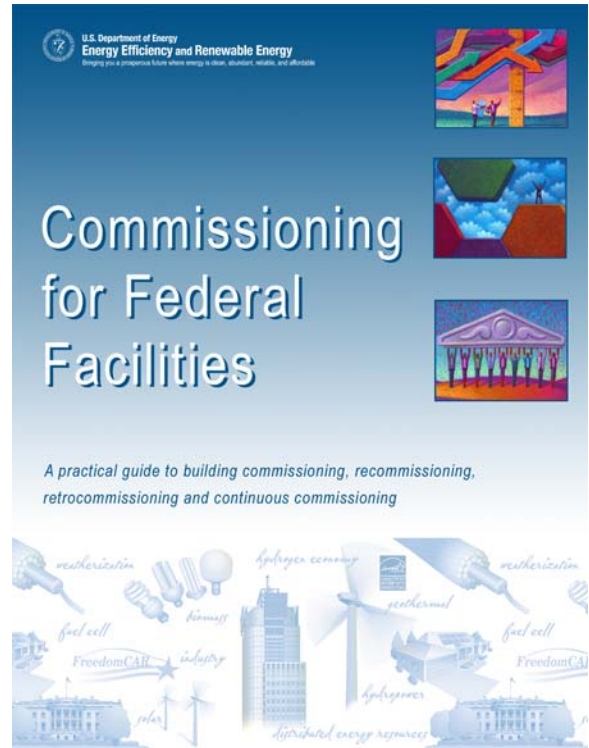
Commissioning for Federal Facilities Handbook and E-Learning Course

For the U.S. Department of Energy, Federal Energy Management Program, EMR developed a comprehensive Federal commissioning handbook to provide broad guidance and best practices for the commissioning of new construction and renovation projects undertaken by Federal agencies. The handbook and associated training materials provides guidance to Federal facilities administrators, design engineers, quality assurance personnel, and O&M staff personnel; Federal facilities O&M support contractors; design/build contractors; and others.

Many guides to commissioning already exist; what makes this one unique are its focus on how various commissioning practices and approaches can be incorporated into existing facility maintenance management programs, case histories and statistical data, and its corresponding training course that will be made available on-line in an *e-learning* format. EMR worked closely with various commissioning organizations, commissioning professionals, Federal facility managers and O&M organizations, and representatives of various building trades to fully understand all of the benefits, costs, and barriers to employing total building commissioning in a variety of construction, renovation, and O&M applications.

The end result is a user-friendly, easy-to-use handbook that describes commissioning best practices and procedures that can be used as both a technical and marketing tool.

EMR developed the corresponding e-learning course that is available online. This interactive course is a companion to the handbook, allowing users to test their knowledge on commissioning practices and procedures, in real time, and at their own pace. The goal of both the handbook and the e-learning course is to give Federal facility managers and O&M staff the tools they need to make the best decisions as they bring commissioning into their facilities maintenance management programs, and to do so in an interesting, interactive environment. The handbook and e-learning course have both become popular resources across many Federal agencies and have received high rating from students.



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