The FBPTA requires Federal building personnel to demonstrate compliance with a set of Core Competencies. The General Services Administration (GSA) accepts submissions for courses, certificates, certifications, accreditations, licenses, and other qualifications that demonstrate alignment with the FBPTA Core Competencies. GSA will post resources that sufficiently map to FBPTA Core Competency requirements on the FMI webpage (www.fmi.gov) and may incorporate them into the Core Competency Web Tool. The Web Tool allows Federal buildings personnel to immediately claim credit for competencies met by completing approved training. FMI and the Core Competency Web Tool help Federal employees identify appropriate training, and allow Federal agencies to share information on training sources. To qualify for consideration, submitters complete this form describing how a specific training resource, certification / accreditation, license or other resource aligns with FBPTA core competencies through AskFMI@gsa.gov.

Initial Review Conducted By: Maria Fara
Initial Review Submission Completion Date: August 30, 2013
Technical Review Conducted By: Conrad Kelso
Technical Review Submission Completion Date: December 23, 2013

Alignment of Competency with Functional Roles

- Often Aligned with Facility Management roles (36/43 Core Competencies)
- Often Aligned with Building Operations Professional roles (6/43 Core Competencies)
- Often Aligned with Energy Management Role (7/43 Core Competencies)
- Often Aligned with more than one role (6/43 Core Competencies)

1. Please complete the following for each training course being submitted for consideration:


   Provider address information (primary physical location, including address, city, state, zip code):

   Provider’s primary point of contact for this learning resource (name, primary physical location (if different from provider address information), phone, and email):
   Beverly Dyer 202-586-7241, beverly.dyer@ee.doe.gov.

   Title of this training resource: FEMPFTS21: Combined Heat and Power for Energy Resource Optimization

   Type of training course: seminar offered live via live streaming and satellite downlink broadcast and archived for 24/7 participation

   Does this course provide CEUs (Continuing Education Units) and if so, how many and for what occupation or field? FEMP offers .20 CEUs for this course.

   Learning objective(s) associated with this training course:
   - Captain CHP for on-site power generation
   - Discuss potential benefits of CHP for the learner’s site or facility including whether the site has characteristics that make CHP cost-effective
   - Discuss “prime mover” and “thermally activated technologies,” including the advantages and limitations of specific technology options
   - Conduct a feasibility analysis to inform the technical feasibility and cost effectiveness of implementing a CHP project
   - Understand best practices and lessons learned from CHP projects in the Federal government

   Consider the potential financing vehicles including CHP as part of an ECM in ESPCs, UESCs, and PPAs

   Delivery method and learning methods (delivery methods may include online instruction, classroom instruction, or other means, and learning methods could include lecture, group work, essay work, quizzes, or other learning activities): This is a 90 minute seminar that includes a lecture by a nationally recognized expert(s), video presentations with FEMP experts, and a live question and answer session. Learners complete a quiz and an evaluation to receive CEUs.

   Length of training (in hours): 90 minutes plus time to complete the quiz

   URL link to information about the training course, content, and/or syllabus: http://www.wbdg.org/education/femp21.php

2. Review the course objective(s) that have been submitted as being aligned with required FBPTA performance criteria. Review the learning methods in the course that will support that learning objective(s).
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<tr>
<th>3. Technology</th>
<th>3.1. Technology Solutions</th>
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<tr>
<td>- 3.1.3. Demonstrate ability to identify evaluation criteria, evaluate, and recommend facility management technologies solutions.</td>
<td>Yes, based on the review of the learning objectives and the skills/materials covered, the topics listed should include demonstrate ability to identify evaluation criteria, evaluate, and recommend facility management technologies solutions.</td>
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<td>- 4.1.2. Demonstrate knowledge of Combined Heat and Power (CHP) Systems and distributed generation.</td>
<td>Yes, based on the review of the learning objectives and the skills/materials covered, the topics listed should include demonstrate knowledge of Combined Heat and Power (CHP) Systems and distributed generation.</td>
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