

PMCDP Offers LEED for New Construction and Existing Buildings

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Demonstrating a commitment to lead by example, President Obama signed Executive Order 13514^[1] setting sustainability goals for federal agencies. Reaching these goals means increasing energy efficiency, conserving water, reducing waste, supporting sustainable communities and leveraging federal purchasing power to promote environmentally-responsible products and technologies. Using the Leadership in Energy and Environmental Design (LEED) Green Building Rating System is an accepted way of directly relating achievement of these goals to the Department of Energy's (DOE) built environment. Additionally, it supports the man-

date at DOE for new construction and major renovations greater than 5 million dollars.

LEED certified buildings use resources more efficiently when compared to conventional buildings built to code. However, the cost of initial design and construction often increases when a LEED rating is pursued. One reason for the higher cost is that sustainable construction principles and options may not be well understood by the design professionals undertaking the project.

The Project Management Career Development Program (PMCDP) now offers *LEED for New Construction and Existing Buildings*, which is a two-day course designed to provide participants with

knowledge of the LEED systems and principles. Application of these techniques produces lower-than-industry-standard operational costs and often additional economic payback in the form of employee productivity gains incurred as a result of working in a healthier environment. Studies have suggested that an initial up-front investment of two percent extra will yield more than ten times the initial investment over the life of the building.^[2]

Be ready to apply these techniques to your project. The next offering of *LEED for New Construction and Existing Buildings* is planned for May 18-19, 2010, in Washington, DC.

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[1] Executive Order 13514, Federal Leadership in Environmental, Energy, and Economic Performance, <http://edocket.access.gpo.gov/2009/pdf/E9-24518.pdf>.

[2] Kats, Greg; Leon Alevantis, Adam Berman, Evan Mills, Jeff Perlman (2003). "The Costs and Financial Benefits of Green Buildings: A Report to California's Sustainable Building Task Force," <http://www.ciwmb.ca.gov/greenbuilding/Design/CostBenefit/Report.pdf>.

Federal Project Director (FPD) Corner

November Certification Review Board:

The November Certification Review Board approved the following candidates for certification:

Barbara A. Beller, Idaho (EM) Level 1

Wendy A. Cain, Oak Ridge (EM) Level 1

Brian C. Demonio, Oak Ridge (EM) Level 1

Roger A. Quintero, Richland (EM) Level 1

Autar Rampertaap, (EM) Level 1

Matthew H. Zullo, (EM) Level 1

James D. Kopotic, Oak Ridge (EM) Level 2

The following is the Board's meeting schedule for calendar year

2010:

- 1/15/2010
- 3/12/2010
- 5/21/2010
- 7/30/2010
- 9/24/2010
- 11/19/2010



Certification and Equivalency Guide (CEG) Workshop Update:

The Office of Engineering and Construction Management (OECM) convened a CEG workshop on Tuesday, November 3, 2009, and discussed the upcoming

ing CEG changes and modifications to the PMCDP curriculum and competency requirements that will become effective January 1, 2010. In order for any certification packages to be considered under the current PMCDP requirements, Program Offices must submit their packages to OECM no later than December 31, 2009. Packages received after December 31, 2009, will be held to the new standards.

For more information about the upcoming CEG changes, please contact your respective Program's PMCDP point-of-contact, or visit one of the hyperlinks to the PMCDP website listed below.

PMCDP Home page:

http://management.energy.gov/pm_certification.htm

March 2009 CEG (and future location of the January 1, 2010 CEG):

<http://management.energy.gov/1576.htm>

CRB Policy Flash 2009-05 which details the FY 2010 PMCDP curriculum changes:

<http://management.energy.gov/1675.htm>

RPAM Training Course: Update and Delivery

By Nestor T. Folta, PMP, LEED AP OECM

The *Real Property Asset Management* (RPAM) training course is being updated for a March 2010 delivery. The course will include updates made to the RPAM Order (DOE O 430.1C, *Real Property Asset Management*) now in the Review and Comment (RevCom) System. Key elements added to the course include current practices for transfer of contaminated facilities for cleanup, as well as requirements and linkage from two Executive Orders: EO 13327, *Federal Real Property Asset Management* and EO 13423, *Strengthening Federal Environmental, Energy, and Transportation Management*.

The target audience for this course is all DOE personnel involved with the management of real property assets within DOE. This includes DOE real property owning program offices, site/field managers, operations and area officials

charged with facilities management or maintenance, DOE employees involved in DOE land-use planning and the production of Ten-Year Site Plans (TYSPs), and DOE employees charged with the disposition and long-term stewardship of DOE real property assets.

This course focuses on a systematic, integrated approach to the management of federal real property, order requirements, reporting mechanisms and roles and responsibilities for RPAM. The course addresses real property planning and management, TYSPs, real property status reporting requirements and mechanisms, value management, performance management and DOE and contractor roles and responsibilities for real property asset management.

Also included in the course are requirements aligned to EO 13327 and EO 13423. The asset condition index and utilization index are updated to align with Government-wide definitions. Mission dependence, operating

cost and sustainability index definitions are incorporated. Sustainability linkage is added to align with the requirements of DOE Order 430.2B, *Departmental Energy, Renewable Energy and Transportation Management*. The criteria for transfer of facilities, materials and radioactive, chemical and/or mixed waste from Program Offices to the Office of Environmental Management for clean-up and disposition are being made consistent with current practices.

The previous version of the RPAM training course has had 15 deliveries since 2004 to more than 300 people, who gave the course high marks. Our goal is to maintain the standard for high quality deliveries of the RPAM training course.

The RPAM training course is delivered under the Project Management Career Development Program (PMCDP). The 2010 delivery is scheduled for March 9-11 in Lakewood, CO.

CAP Corner: Strengthening DOE Project Risk Management

By Suneel K. Kapur, MS, PMP

The Department's Contract and Project Management Root Cause Analysis (RCA) (April 2008) identified risk management as a key deficiency and noted that risks are often not objectively identified, assessed, communicated, and managed through the planning and execution phases. The root causes were primarily related to lack of adequate staff with appropriate skill sets and lack of management attention. The corrective measure in the Corrective Action Plan (CAP) (July 2008) is to "Establish objective, uniform methods for assessing, communicating, and managing project risks and uncertainties. This includes the development of realistic budgets and schedules, and the consistent definition, development, and use of management reserve and contingency."

The team assigned to this corrective measure completed a review and assessment of risk management documentation from 24 selected projects from the National Nuclear Security Administration and the Offices of Environmental Management and Science. They then compared DOE practices to a compiled list of Best Practices from published guidance and reports from DOE, the Government Accountability Office, the Office of Management and Budget, the Project Management Institute and recent External Independent Reviews. While Best Practices are being applied in some instances, the team found significant gaps in a majority of cases. The analysis results are documented in *"Identification of Best Risk Management Practices and Analysis of DOE Risk Management Plans, Summary Re-*

port" (July 2009), which is available on the OECM hyperlink below.

In November, a workshop attended by over 60 federal and contractor employees was conducted in a peer review forum in Oak Ridge, TN, to understand the risk management approaches in use and to develop improvement actions. Presentations by federal, contractor and industry personnel, followed by break-out sessions, were used to develop recommendations. Workshop briefings and recommendations are available on the OECM website.

A report is currently under development that will document the status of this corrective measure. The report will present the action plans for implementing the recommendations needed to successfully complete the intent of this corrective measure. When complete, the report will be available on the OECM website.

(See <http://management.energy.gov/1762.htm>.)

Question of the Month

Question:

I understand that there are several changes to the PMCDP course curriculum. Where can I find a document that references the course curriculum changes?

Answer:

Please refer to the PMCDP Policy Flash document 2009-5 on the PMCDP website at <http://management.energy.gov/1675.htm> or the "PMCDP Training" page on the PMCDP website at <http://management.energy.gov/1581.htm>. These documents detail the FY 2010 PMCDP curriculum changes.

Upcoming PMCDP Courses

Start	End	Course	Location	PMCDP Info	CHRIS Code/ Session	Registration Restrictions
January 2010						
1/5/10	2/18/10	Project Management Systems and Practices in DOE	Idaho Falls, ID	Level 1 Core Course	001024/0033	None
2/9-11/10						
1/11/10	1/14/10	Planning for Safety in Project Management	Albuquerque, NM	Level 1 Core Course	001035/0041	None
1/11/10	1/14/10	Planning for Safety in Project Management	Idaho Falls, ID	Level 1 Core Course	001035/0043	None
1/12/10	1/14/10	Performance-Based Management Contracting	Morgantown, WV (NETL)	Level 1 Core Course	001951	None
1/12/10	1/14/10	Acquisition Strategy and Planning	Oak Ridge, TN	Level 1 Core Course	001027/0036	None
1/19/10	1/21/10	Project Execution and Operational Readiness Reviews	Richland, WA (Hammer)	Level 3 Elective	001039	Richland Sponsored ¹
1/25/10	1/29/10	Cost and Schedule Estimation	Aiken, SC (Savannah River)	Level 2 Elective	001044/0007	None
1/26/10	1/28/10	Contract Administration for Technical Representatives	Grand Junction, CO	Level 1 Core Course	001028	None
1/26/10	1/28/10	Systems Engineering	Oak Ridge, TN	Level 3 Elective	001049/0007	None
1/27/10	3/13/10	Project Management Essentials	Pittsburgh, PA (NETL)	Level 1 Core Course	001022	NETL Sponsored ²
2/23-25/10						
February 2010						
2/1/10	2/3/10	Environmental Laws and Regulations	Kansas City, MO	Level 2 Elective	001046	None
2/9/10	2/12/10	Planning for Safety in Project Management	Richland, WA (Hammer)	Level 1 Core Course	001035	Richland Sponsored ¹
2/23/10	2/25/10	Executive Communications	Albuquerque, NM	Level 4 Core Course	001031/0021	None
2/23/10	2/25/10	Strategic Planning	Washington, DC	Level 4 Elective	001043/0006	None
2/23/10	2/25/10	Value Management	Cincinnati, OH	Level 2 Elective	001037/0009	None
March 2010						
3/2/10	3/4/10	Scope Management/Baseline Development	Aiken, SC (Savannah River)	Level 2 Elective	001036/0011	None
3/9/10	3/11/10	Earned Value Management Systems	Oak Ridge, TN	Level 1 Core Course	001026/0066	None
3/9/10	3/11/10	Contract Administration for Technical Representatives	Las Vegas, NV (NVSO)	Level 1 Core Course	001028/0006	None
3/9/10	3/11/10	CPIC: OMB Circular A-11 and the Exhibit 300	Washington, DC	Level 1 Elective	001915/0001	None
3/9/10	3/11/10	Real Property Asset Management	Lakewood, CO (WAPA)	Level 2 Elective	001183/0015	None
3/9/10	3/12/10	Project Risk Analysis and Management	Richland, WA (Hammer)	Level 2 Core Course	001033	None
3/16/10	3/19/10	Federal Budgeting Process in DOE	Argonne, IL (Chicago Site Office)	Level 2 Elective	001034/0007	None
3/22/10	3/26/10	Project Management Simulation	Las Vegas, NV (NVSO)	Level 2 Core Course	001029/0022	None
3/22/10	3/24/10	Contract Administration for Technical Representatives	Washington, DC	Level 1 Core Course	000058/0153	None

For the corresponding classes, registration is restricted to the designated organization unless prior arrangements are made with the following individuals:

¹Contact Camile Sholock, 412-386-5028, sholock@netl.doe.gov

²Contact Andrew Glodo, 509-376-1665, andrew_m_glodo@rl.gov

Full PMCDP Course Schedule

For the full listing of FY2010 classes, visit the PMCDP website at <http://management.energy.gov/1581.htm> and click on the “course schedule” link that appears on the “Training” page.

Questions or Comments?

General questions and comments about the newsletter should be directed to: PMCDP.Administration@hq.doe.gov. Or visit our website at http://management.energy.gov/pm_certification.htm

For further information about the OECM PMCDP or Program Management Career Development Curriculum contact:

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Marylee Baker, Lead Professional Career Development Analyst: 202.586.8254