

Army Energy Forum

August 21-22, Orlando FL

Summary of Issues, Outcomes and Recommendations

Summary of Key Issues and Outcomes

- ✓ A new strategic *Army Energy Management Plan* will be developed by HQ-IMA/OACSIM in FY04. This *Plan* will address the critical actions, resources, and public/private partnerships necessary to meet the Army energy goals, while maintaining security and soldier quality of life.
- ✓ The energy program within the HQ-IMA currently has high visibility and will receive the necessary attention and resources to:
 - Meet the Army energy goals.
 - Manage and execute projects to save energy and dollars.
 - Support energy initiatives as both a facilitator and leader.
 - Work as a team with the IMA Regions and installations.
- ✓ Uncertainty (in the energy arena) is a certainty, and we must work together as a problem-solving team. We must all take on the leadership mantle to address and overcome each obstacle, and affect real changes, in order to reach the goals.
- ✓ HQ-IMA is committed to operate in an integrated manner in concert with each Region. This approach will ensure consistency and fairness in energy-related activities across all Army installations.
- ✓ The Army is currently on target to meet the glidepath goals set forth in E.O. 13123. Continuing on this glidepath may be more difficult if privatized housing is removed from the building inventory and the baseline not adjusted accordingly. Continuing progress on these glidepath goals is dependent upon an emphasis on:
 - Enhancing efficiency and implementing new technology in new design and construction standards including incorporation of SPiRiT/sustainability into *all* new designs.
 - Continued – and anticipated increased funding – for ECIP projects. The increased funding is dependent upon an increase in the number of cost-effective projects.
 - Continued use of ESPC/UESC. Funding ESPC/UESC commitments from J-account or centrally by HQ-IMA will be addressed.
 - Implementation of solar/renewable energy projects. The army plans to step up their partnership with the private sector to accelerate implementation of large solar/renewable projects.
 - Making sure purchases of energy consuming equipment follow life cycle cost criteria and new technology are integrated into buildings and facilities.
- ✓ Communications, including success stories and feedback, will be emphasized. Specifically, an HQ-IMA Energy Program web site will be established within the next FY.
- ✓ A renewed emphasis will be placed on training, specifically at the installation level.
- ✓ A renewed emphasis will be placed on energy awards, both the Secretary of Army as well as the DOE/FEMP awards. HQ-IMA will consider monetary incentives/rewards for individuals and/or installations.
- ✓ HQ-IMA/OACSIM is addressing the issues raised by the AAA (audit) of ESPC, and will make the necessary changes and enhancements to ensure ESPC once again becomes the key means by which energy projects are undertaken at installations. [This assumes that the ESCP authorizing legislation is renewed for FY04.]
- ✓ HQ-IMA will work with the Regions to address the issues involved with goals for Alternate Fuel Vehicles (AFV), particularly with the lack of fuel stations on post to support the vehicles.

- ✓ HQ-IMA plans to reestablish the Army Utility Modernization Program (UMP) for non-privatized central plants and distribution systems. Funding is anticipated to be available in FY06.
- ✓ OACSIM is planning on improvements to RADDs in FY04. One immediate need is the ability to sort installations/data by IMA Region.

Summary of Issues and Recommendations From Day 2 Breakout Session

Installation Perspective

- ✓ Resources are critical at the installation level to maintain a viable energy program. This includes a qualified and trained (continuously) energy manager who is primarily dedicated to managing the energy infrastructure. Energy manager should also be a viable career path at an installation.
- ✓ An “Army Energy Champion” at HQ-IMA level would be a valuable asset as a central or one-stop point of contact for direction, guidance, resources and answers. A part of this “champion” could be an active and up-to-date energy web site to be used as a primary resource for information.
- ✓ Desire to “energize” the Corps of Engineers to update and enforce the standard design guides to emphasize energy efficiency and life cycle cost effectiveness, rather than emphasizing first cost/low cost. The Corps of Engineers should become partners/stakeholders in ensuring that new buildings are built (and commissioned) to be life-cycle cost efficient.
- ✓ Recommend that a maximum energy use intensity (EUI—Btu/sq ft) for each building type be incorporated into all new/revised design guides/standards for Army.

IMA/ACSIM/Region Perspective

- ✓ The required resources for the IMA Regions and installations will be addressed by HQ-IMA/OACSIM. However it is important that Regions and installations identify the funding “requirements” necessary for executing the Regional/installation energy program. These requirements are necessary for funds to be allocated within the Department of Defense and HQ-IMA.
- ✓ HQ-IMA/OACSIM is challenged to enhance communications with the IMA Regions and installations as well as support future Forums such as this one. Enhanced communication should include improved guidance for required information and reporting at the Region and installation level – including the requirements for the Annual Energy Report.
- ✓ A Resource Efficiency Manager (REM) can be a valuable asset to the installation energy program. Sites are encouraged to consider hiring an REM, particularly if the installation has an active ESPC that could generate savings to support the hiring of an REM.
- ✓ A clarification of the roles and responsibilities of HQ-IMA, OACSIM, IMA Regions and installations is needed in order to more effectively manage the energy program at all levels.