



OEI News

January/February 2015



SECURING ARMY INSTALLATIONS WITH ENERGY THAT IS CLEAN, RELIABLE AND AFFORDABLE

From the Desk of the Executive Director

Army Guide: Developing Renewable Energy Projects by Leveraging the Private Sector

The Office of Energy Initiatives (OEI) family hopes that you and your personal and corporate families had an agreeable and refreshing holiday season. I apologize if any OEI project solicitations impacted any planned festivities. The OEI continues to move forward to obtain energy security across Army installations, and received a very nice gift (even though it was expected) with the certification of phase one of the Fort Huachuca solar project. Phase one is fully operational with more than 57,000 solar panels supplying Fort Huachuca and the Southern Arizona grid with renewable energy electricity. We are looking forward to the ceremonial ribbon cutting in early February.

As we all know, it is far better to give than receive, and we were very excited that a Notice of Intent to Award (NOIA) was presented to SunPower Corporation for the Redstone Arsenal solar

project. This is the first OEI project to utilize the Multiple Award Task Order Contract (MATOC). We look forward to using this streamlined acquisition vehicle for other projects in the next several years. The MATOC acquisition vehicle is available for use by all the military services for large or small renewable energy projects.

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The OEI Pentagon Corridor Display is one of many outreach initiatives highlighted in this edition.

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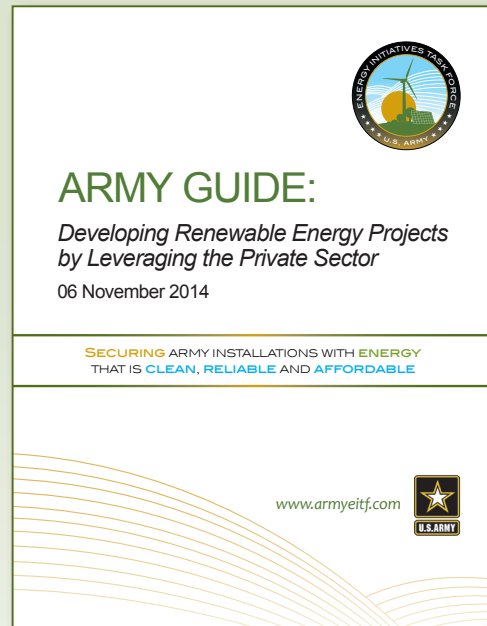
Another event that warrants additional attention is the November publication of the first edition of the OEI Army Guide to Developing Renewable Energy Projects. While written as a tool for Army installation leadership and management, it provides insight and details to the Army processes, tools, and policies with regard to the development of renewable energy projects leveraging the private sector, which may be of interest to developers, industry, and financiers.

The Guide details the strategies and tactics that the OEI employs to streamline processes and address lessons learned from internal and external stakeholders regarding renewable energy project development. While the OEI focuses on large-scale renewable energy projects greater than 10 megawatts (MW) in capacity, the Guide is useful for projects of all sizes as the obstacles are often independent of the physical size of the project. The Guide outlines the five phases and eight assessment criteria utilized to evaluate and advance project opportunities. It also gives an overview of the Army process for project evaluation and approval. The appendices provide details of the assessment, process and work products for each criterion at each phase of the project lifecycle as well as Army, Department of Defense, and Congressional requirements.

The Guide is available for download on the OEI website (www.oei.amy.mil) on the About Us page under OEI Guidance along with links to other Army policy and reference material. We hope that you find it useful and informative. If you have comments or questions or would like to make suggestions to the next edition, please reach out to us.

We sincerely appreciate working with you and look forward to the many additional opportunities in 2015 and beyond. Hooah...

– **Amanda Simpson**, Executive Director,
Army Office of Energy Initiatives



OEI Army Guide to Developing Renewable Energy Projects was published in November 2014.

Army Issues NOIA for Redstone Arsenal Solar Project

On December 4, 2014, the U.S. Army issued a Notice of Intent to Award (NOIA) to SunPower Corporation for the development of a large-scale renewable energy solar facility at Redstone Arsenal, Alabama. The proposed on-site project will provide up to 18,000 megawatt-hours per year of renewable energy to the installation. This large-scale renewable energy project is a joint effort between the Army OEI, Redstone Arsenal, and the U.S. Army Corps of Engineers, Engineering and Support Center, Huntsville, Alabama.

Upcoming Ribbon Cutting Event at Fort Huachuca

The Fort Huachuca, Arizona Ribbon Cutting Ceremony is scheduled for February 11, 2015, marking the commencement of operations for an approximate 18 MW solar energy project. The OEI, GSA, and Fort Huachuca, in consultation with Tucson Electric Power (TEP), worked together to develop the project. TEP funds, owns, and operates the solar energy project, and contracted with industry partner E.ON Climate & Renewables for the system's design, engineering, procurement and construction management. The project uses the existing GSA Area-wide Public Utility contract. TEP will provide electric service at Arizona Corporation Commission approved rates. Solar power provided by the project will provide roughly 25 percent of Fort Huachuca's total energy requirement.



The Fort Huachuca Arizona Solar Project is operational with more than 57,000 solar panels supplying the installation and the Southern Arizona grid with renewable energy electricity

October RFP Updates

Redstone CHP

On October 24, 2014, the U.S. Army Corps of Engineers (USACE), Engineering and Support Center, Huntsville, Alabama, in close coordination with the OEI and Redstone Arsenal, released a Request for Proposals (RFP) for a Combined Heat and Power (CHP) project to provide steam and electricity to Redstone Arsenal in Alabama. A pre-proposal meeting (Industry Day) was held at Redstone Arsenal on November 13, 2014. A NOIA is expected in mid-2015.

Fort Hood Solar / Wind Project

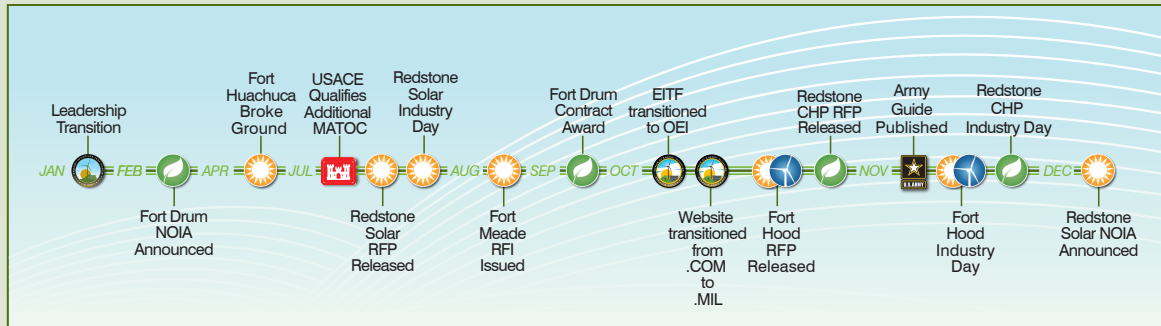
The proposed large-scale renewable energy project at Fort Hood, Texas combines the purchase of renewable solar energy from a generation asset that is physically on Fort Hood, with wind energy generated from an offsite facility. This approach will strengthen the economic viability of the project.

The onsite solar facility is expected to produce up to 40 megawatts of electric power. There will be no change to the Army's utility rates or costs resulting from this initiative.

The Defense Logistics Agency (DLA) Energy, in coordination with OEI and Fort Hood, issued an RFP for the project on October 17, 2014. An Industry Day was held in November and DLA Energy plans to release a NOIA in mid-2015.

Year in Review

2014 was a busy year at the OEI with multiple contractual and procurement events, organizational changes, and public events.



OEI Outreach Activities

In November 2014, OEI Executive Director, Ms. Amanda Simpson, participated on a panel at the Federal Utility Partnership Working Group (FUPWG) meeting. The panel focused on Innovative Contracting Approaches and Renewable Energy. The panel, which included representatives from the General Services Administration, and Georgia Power, addressed over 200 participants. The FUPWG was created in 1994 to establish partnerships and facilitate communications among Federal agencies, utilities, and energy service companies. FUPWG partners develop strategies to help implement cost-effective energy efficiency, water conservation and utility incentive programs.

GEO-Energy Summit and Educational Forum

Ms. Simpson, also presented at the GEO-Energy Summit and Educational Forum in Huntsville, Alabama. She provided an overview of the Army's large-scale renewable energy program highlighting energy independence, national security and resilient installations, and discussed the energy strategy for Redstone Arsenal. Ms. Simpson also participated in "The Future of Energy" panel.

2015 Outreach Opportunities

Below are a few other outreach opportunities the OEI is tracking in 2015:

- Pew Charitable Trusts' Clean Energy Business Network Conference (3 Feb)
- National Public Private Partnership Conference (23-25 Feb)
- 5th Defense Energy Conference (7-8 Apr)
- Small Business & Energy Forum (15 Apr)
- Wharton School of the University of Pennsylvania's Initiative for Global Environmental Leadership (IGEL) (22 Apr)
- Defense, National Security & Climate Change Symposium (23 Apr)
- The Energy Efficiency Exchange (11-13 Aug)
- The Association of the United States Army (AUSA) (12-14 Oct)



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that is clean, reliable and affordable*

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