

"Leading the Way in Delivering Air Force Installation Energy Assurance"

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Energy Exchange lands in Cleveland



Courtesy photo — Huntington Convention Center

By J. Brian Garmon
AFIMSC Public Affairs

TYNDALL AIR FORCE BASE, Fla. — The U.S. Department of Energy Federal Energy Management Program's fourth annual Energy Exchange conference is coming to Cleveland, Ohio, from August 21-24, 2018.

According to the Energy Exchange

website, "The Energy Exchange is an educational and networking forum for those seeking to expand their knowledge of building operations, energy security and management in the federal sector." The

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To register, visit the 2018 Energy Exchange Registration at <https://www.2018energyexchange.com/registration/>.

The cost for this event is \$295 for government employees and \$495 for government contractors or private industry.

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Courtesy photo — Huntington Convention Center

Energy Exchange

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event also includes a trade show that features cutting-edge technologies and services to help agencies improve measurable outcomes and reduce costs.

The Air Force Civil Engineer Center's Energy Directorate and the Office of Energy Assurance will be well represented at this conference, with speakers presenting across multiple programming tracks on a number of topics.


"To kick the experience off right for our

Air Force participants, there will be an informal mixer from 3-5 p.m. on Monday where participants can get information on program agendas, local dining options, entertainment and planned after-hours gatherings," said Dan Gerdes, Energy Exchange event coordinator for AFCEC.

The Air Force has expanded the schedule to accommodate service-specific discussion on Thursday afternoon and Friday morning. The kick-off for these is the Department of Defense session after the main conference closes on Thursday. Air Force events will then follow this and run until 12:45 p.m. on Friday.

"Thursday's theme will be senior official

engagement and we're going to hear a unique commander's perspective on what Energy Resilience really means to him. Friday will focus on base energy managers' interaction and training," said Gerdes. "This extra time is perfect opportunity to bases' to engage Air Force Energy's senior leaders with their questions, network with their peers from installations, and gain insight in where the enterprise is driving to ensure their base is at the forefront of the energy push."

All Air Force participants attending Energy Exchange are asked to plan their trip to include these additional "Air Force days." 

AFCEC NEWS

AFCEC/CND to provide support for ESPC Measurement and Verification activities


By Michael Giniger, AFCEC/CND

A DoD Office of Inspector General report dated March 16, 2016 made a recommendation that AFCEC improve energy savings performance contract controls and validate savings for existing projects.

To comply with the DoDIG recommendation, AFCEC/CND is tasked to review all annual measurement and verification reports prior to payment authorizations.

AFCEC/CND will reach out to all installations that have active ESPCs to provide the annual M&V reports. Additionally AFCEC/CND has been tasked to review

and archive associated historical M&V records.

Base Energy Managers can send their M&V reports to the AFCEC/CND POC John Broughton (afcec.cn.workflow@us.af.mil). This topic will be addressed in the next Energy Manager Bi-Monthly DCS scheduled on Aug. 1, 2018. 

A letter from Mark Correll, SAF/IEE

To the Air Force Energy Community,

As some of you may know, the Air Force released a Request for Information (RFI) last July seeking feedback from industry regarding their interest in and capabilities to deliver Energy-as-a-Service (EaaS).

If you are unfamiliar with the EaaS business model, the idea behind it is that the Air Force needs energy to fly, fight, and win, but isn't necessarily best suited to manage its energy portfolio due to time, money and manpower constraints. Through an EaaS business model, the Air Force seeks to enter into a long-term arrangement with a single industry partner to comprehensively meet an installation's electric power needs, including supply, delivery and demand, to help ensure the Air Force has access to efficient, reliable and resilient energy.

Our objective is to include, to the extent possible, the full energy supply chain at an installation — from commodity purchase to utility system distribution to facility end use — in the EaaS scope using existing acquisition authorities.

Given that our acquisition authorities were not developed with this comprehensive scope in mind, this approach has presented challenges over the last year as we've worked to implement EaaS at our two selected pilot site locations, Hanscom and Altus Air Force Bases. However, it has provided good learning opportunities for both the EaaS demonstration and the Air Force more broadly as we aim to issue initial solicitations at Altus and at Hanscom in 2018. Stay tuned!

I also hope to see many of you at Energy Exchange next month. Make sure to check the agenda online before arriving in Cleveland and create a schedule for the week to ensure you meet your training goals. The agenda can be found at: www.2018energyexchange.com/agenda.

SAF/IEE Energy now has a website dedicated to installation energy. Stay up to date on all things EaaS and Air Force Energy by visiting www.safie.hq.af.mil/InstallationEnergy, on Facebook [@AirForceEnergy](https://www.facebook.com/AirForceEnergy), and on Twitter [@AFEnergy](https://twitter.com/AFEnergy).

Keep up the great work!

Mark Correll

*Deputy Assistant Secretary of the Air Force for
Environment, Safety and Infrastructure*



Facility Systems Superintendent
633rd Civil Engineer Squadron
Joint Base Langley-Eustis, Virginia

Senior Master Sgt. Aldric E. Velasquez is the Facility Systems Superintendent, 633rd Civil Engineer Squadron, Joint Base Langley-Eustis, Virginia. He has served in the Air Force for the last 17 years at locations including Andrews Air Force Base, Maryland, Fort Bliss, Texas, Fort Riley, Kansas, Ramstein Air Base, Germany, Osan Air Base, Korea, and JBLE. Velasquez says he enlisted in the Air Force because he wanted to be part of something bigger, and what better way was there than to become part of the best Air Force in the world.

As the Facility Systems Superintendent, Velasquez manages the high and low voltage electrical infrastructure, generator fleet, fire alarm and suppression systems, and industrial control system network on Langley for over 650 buildings.

What motivates you about working with Air Force Energy?

Our Air Force is the premiere Air Force in the world. In addition to being ready for any conflict, it's imperative we try to save money anywhere we can and be stewards of the environment, preserving what we can for the future.

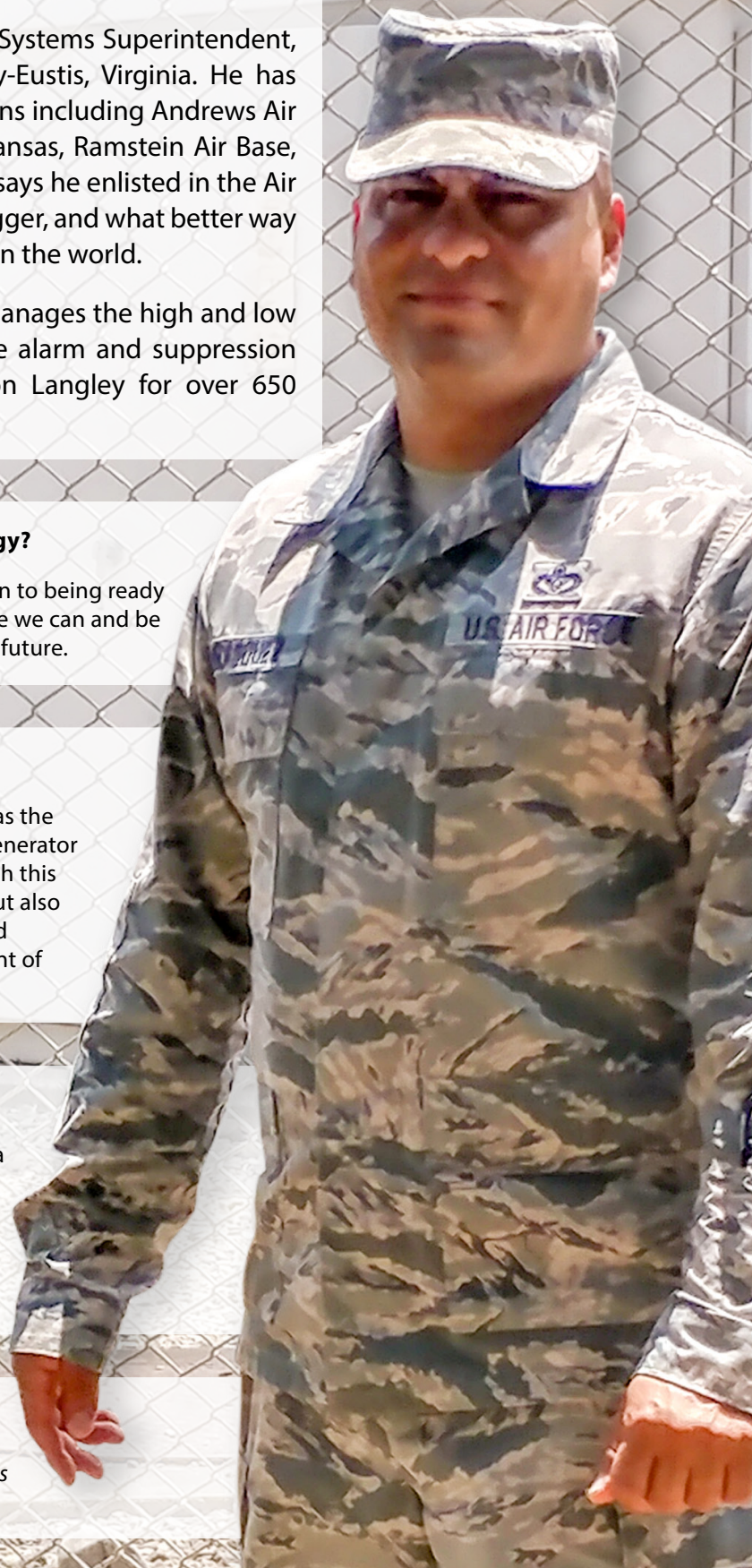
What is the most interesting part of your role?

I have the pleasure of participating in unique programs such as the Emergency Load Response Program (ELRP), which uses our generator fleet to reduce the load demand on the electrical grid. Through this program, we are able to not only reduce the electrical load, but also more effectively sustain the mission during the high peak load seasons. Additionally, the base recoups funding for the amount of electrical load that was shed.

What is your favorite energy-saving tip for Airmen?

Reduce energy consumption where we can when we can. As a force, we have to use our resources wisely and intelligently in order to continue the mission. Reducing our energy consumption has a two-fold purpose. It not only lowers the electrical bill, but, again, it saves the environment in the long run.

Editor's note: Since conducting this interview, Senior Master Sgt. Velasquez received permanent change of station orders to Yokota Air Base, Japan, where he is now the Facility Systems Superintendent at the 374th Civil Engineer Squadron. [G](#)



Renewable energy: saves money, energy, reduces carbon footprint

By Roland Balik

426th Airlift Wing Public Affairs

DOVER AIR FORCE BASE, Del. — Keeping consistent with Department of Defense energy conservation initiatives, 149 of 982 houses at Dover Family Housing community known as Eagle Heights, are scheduled to have rooftop photovoltaic (PV) panels, commonly known as solar panels, installed over the next five months.

Upon Department of the Air Force approval for this long-term energy sustainable project, Hunt Military Communities partnered with Hunt Alternative Energy and True Green Capital Management, LLC, a private equity fund based in Westport,

Connecticut, focused on distributed energy infrastructure projects.

Hunt Alternative Energy developed the project working with the Air Force Civil Engineer Center from the project's inception to obtain the necessary entitlements and approvals from different project stakeholders. True Green Capital will own and operate the projects under a 20-year agreement with Hunt Military Communities.

PosiGen, headquartered in Jefferson, Louisiana, is a nationwide solar energy

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Wyatt Whelan, PosiGen install supervisor, secures a photovoltaic panel to a roof May 11, 2018, at Dover Air Force Base, Del. One hundred forty-nine houses in the Dover Family Housing community will have the panels installed on them. (U.S. Air Force photo by Roland Balik)



Renewable energy

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service provider performing the design and installation of the PV panels and associated equipment here in the housing area.

"I am very pleased that Hunt is venturing into renewable energy in Eagle Heights Housing. Hunt is seizing an opportunity to help long-term funding of the Eagle Heights community. There are many benefits to this effort," said Col. Randy Boswell, 436th Mission Support Group commander. "First, the funds generated by transmitting energy back into the electric grid helps offset operating expenses allowing more dollars to flow into savings accounts for future repairs. Secondly, the project helps the Air Force and Delaware meet goals for purchasing clean energy and reducing our carbon footprint."

Electricity generated by PV panels are directed to the electrical grid, not the

individual house, thus reducing Hunt's cost for purchasing electricity.

"Occupants of houses with PV panels installed will not see their individual electricity bill go down," said Terris Bagwell, HMC community director. "The reduction in Hunt's energy bill will allow recapitalization and reinvestment by Hunt for ongoing community improvement projects."

Depending on the size of the house, installation of the PV panels generally takes three to five days.

"PosiGen is honored to have been selected to work with the Hunt Military Communities and Hunt Alternative Energy groups," said Thomas Neyhart, CEO PosiGen Solar Support. "We are excited to bring the many benefits of solar energy to Dover Family Housing."

Houses identified for PV panel installation primarily face between the south and west direction.

"The installation project started on May 2, 2018," said Tom Charlip, PosiGen senior operations manager.


The DFH community center has been identified as one of the 149 to have PV panels installed.

"True Green Capital Management is pleased to expand its existing relationship with Hunt Military Communities and the U.S. Air Force and continue to provide lower cost, clean and self-generated energy to the local community," said Bo Wiegand, partner at True Green Capital Management, LLC.

Many agencies partnered together to make this project come to fruition.

"AFCEC and base leadership support has been instrumental in the project's success, and we look forward to working together on additional projects," said Mark Begeny of Hunt Alternative Energy.

Depending on weather conditions, PV panel installation is scheduled to be completed by the first week in August, according to Charlip.

Boswell said, "I look forward to seeing the project completed and the long-term success of our housing community." 

If you would like to nominate someone to be profiled in an upcoming issue, please contact us at AFIMSC. PA.Workflow@us.af.mil.

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<https://cs2.eis.af.mil/sites/10159/>

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