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# From the Executive Office

## To The ASA (IE&E) Team

I trust you are all enjoying the D.C. winter as much as I am. I don't know how the pentagon parking lot experiences more acute wind chill than the rest of the world, but I'm told it is a scientific fact.

I know that the recent government shutdown was a distraction, but most of you know better than me that it has simply become a fact of life here. The Department of Defense, Army, and IE&E leadership will do our best to minimize the administrative headaches associated with it if it happens again, but at the end of the day we just need to take it in stride and drive on with our mission.

I have to acknowledge that from what I've seen, that is exactly what you all did - and it is certainly appreciated.

Since the last issue of the Communicator, we've welcomed a new Secretary of the Army. Dr. Mark T. Esper is great for the Army. He has asked the principal assistant secretaries and the Army staff to create a set of goals for their respective organizations. We're in the drafting and approval process now, but rest assured that we'll share them across IE&E once they are fully baked.

Finally, I've had the chance to travel a bit and visit installations here locally, elsewhere in the

United States, in Korea, and in the Pacific. It has been a great reminder to see where the rubber meets the road with respect to the work we do in IE&E. The biggest take-away is that in nearly every location, someone took the time to mention to me how much they have enjoyed working with one of our team members in IE&E or how helpful someone on our team has been to efforts at their garrison. Of course, I'm not surprised at the positive feedback, but I have to say that I am appreciative of what you do to generate it.

Keep up the good work!  
Thanks,

*Jordan Gillis*



*Mr. W. Jordan Gillis,*  
Acting Assistant Secretary of the Army  
(Installations, Energy and Environment)

## Installations, Energy and Environment Springs into Action

It's that time of year again. Actually I could say that any day of the year. But this is a special transitional period where I feel, sense, see, and anticipate change. Spring is almost upon us (March 20). I thoroughly enjoy winter snow and fire-side chats. I also love the change to slightly warmer weather and new life that abounds. I appreciate seeing trees, grass, flora, and wildlife spring to life (no pun intended).

This is also the time we spring into action finalizing the budget and preparing for OSD and Congressional budget briefs and hearings. This takes a lot of hard work on your part. You make it "sing." I am always amazed and appreciative of your hard work and dedication to help accomplish the mission. You accomplish this in the middle of Windows 10 Migration and a lapse of a continuing budget resolution! Regardless, your work and products continue to set the standard and are most respect worthy. Thank you.

I know you will continue to be prepared for the various weather conditions Mother Nature sends our way. With your continued teamwork and dedication we will continue to set the standard—regardless of the season.

You help keep the Army Strong !

*Randy Robinson*



*Mr. J. Randall Robinson,* performing the duties of Principal Deputy Assistant Secretary of the Army (Installations, Energy and Environment)

# Installations of the Future

## What Could They Look Like?



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*Submitted by Office of Strategic Initiatives*

In the eyes of the enemy, military bases in the homeland and abroad are targeted strategic support areas and a part of the battlefield. Because of this, the Army is reconsidering how installations in the future will support warfighting readiness, and how technology specifically will influence their performance.

Technology, driven by the “Internet of Things,” is rapidly changing how data is gathered, analyzed, and used to make rapid decisions. Consider the world today; sensors are everywhere, continually gathering data on environmental factors, building conditions, space utilization, energy activity, and of course, actions by humans. Gathering, sorting, analyzing all this data and performing instant analytics coupled with machine learning is...well...somewhat initially intimidating, but getting past that— the potential applications for installation management facilities and services – is nothing short of amazing.

Imagine an installation where garrison leaders not only have instant situational awareness, but that awareness is enriched from constant data integration and analytics. They would not only know exact facility occupancy, service delivery status, and energy usage – but how to roll all that together to maximize current resources, predict next moves and perform trade-off analyses to perform course corrections.

Carry this scenario a step further and “plug in” individual Soldier readiness readings that could give Army leadership a reading on individual training readiness, current medical status, and family action planning prior to any deployment.

To explore this, the Office of the Assistant Secretary of the Army (Installations, Energy and Environment) will be co-hosting a Mad Scientist event with U.S. Army Training and Doctrine Command (TRADOC) and the Georgia Technology Research Institute June 19 and 20, 2018 in Atlanta, Georgia.

The Mad Scientist event will bring together all the “crazy thinkers” a.k.a. “those guys in the backrooms that aren’t normally allowed to meet the public” to think through and imagine how technology will change the installation management role in 2040 – 2050 timeframe.

In conjunction with this conference, the Mad Scientists are sponsoring an associated Call for Ideas writing contest. Contributors are asked to consider how installations will operate and project force in the Operational Environment (OE) of 2050, and submit either a Research Topic or A Soldier's Letter Home from Garrison. Suspense for submissions is March 15, 2018.

Contest information and submission guidelines are at:  
[https://community.apan.org/wg/tradoc-g2/mad-scientist/p/call\\_for\\_ideas](https://community.apan.org/wg/tradoc-g2/mad-scientist/p/call_for_ideas)

So if you're a bit crazy, but bigly imaginative, take some time to collect your ideas and submit an entry!

*Learn more about how "Army Installations are no longer sanctuaries" by reading the Mad Scientist Laboratory's latest blog post, entitled "Smart Cities and Installations of the Future: Challenges and Opportunities" at <http://madsciblog.tradoc.army.mil/21-smart-cities-and-installations-of-the-future-challenges-and-opportunities/>*

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*The content of The Communicator does not necessarily reflect the opinion of the U.S. Army or Department of Defense.*

*Contributions to this publication are welcome. Deadlines are the third Monday before the month of publication.*

*The next date of publication will be April 2018.*

**On the cover:**



The Korean War Veterans Memorial - National Mall - Washington, DC

# Redstone Arsenal Solar Energy & Battery Storage Project:

Bringing Energy Diversity and Cost Avoidance to Team Redstone

By Michael McGhee, P.E.,  
OEI Executive Director

The Army Office of Energy Initiatives (OEI) and Redstone Arsenal (RSA), in collaboration with SunPower Corporation, will conduct a Ribbon Cutting Event on February 23, 2018 at RSA for the 10-megawatt (MW), alternating current (AC), solar project with battery storage.

This project includes the Army's first privately funded, commercially available battery energy storage system, and brings energy diversity and cost avoidance to Team Redstone. The project will be compatible with a potential future microgrid to further enhance energy resilience and security at Redstone Arsenal and its critical missions.

This project is one of three large-scale energy generation projects on Army installations in Alabama. Other projects include the 10 MW solar project at Fort Rucker and the 7 MW solar project at Anniston Army Depot.



*Project Details:*

- The project generates about 10 MW AC from an on-site solar array coupled with a 1 MW/2 MW-hour battery storage energy system.
- The project and battery storage system generates on-site, fuel-free power for use by RSA and its tenants, and stores a portion of that power to be used at times of peak power usage to avoid peak demand charges on RSA's electricity bill.
- Redstone Arsenal purchases the electricity produced by the project at a rate that is less than the current and projected utility cost.
- The project enhances energy resilience by adding diversity to the RSA's energy supply, and adds operational flexibility for a potential future microgrid.
- The project includes a lease for approximately 114 acres and a 27-year Power Purchase Agreement.
- This facility generates enough energy annually to power about 2,500 homes for a year.

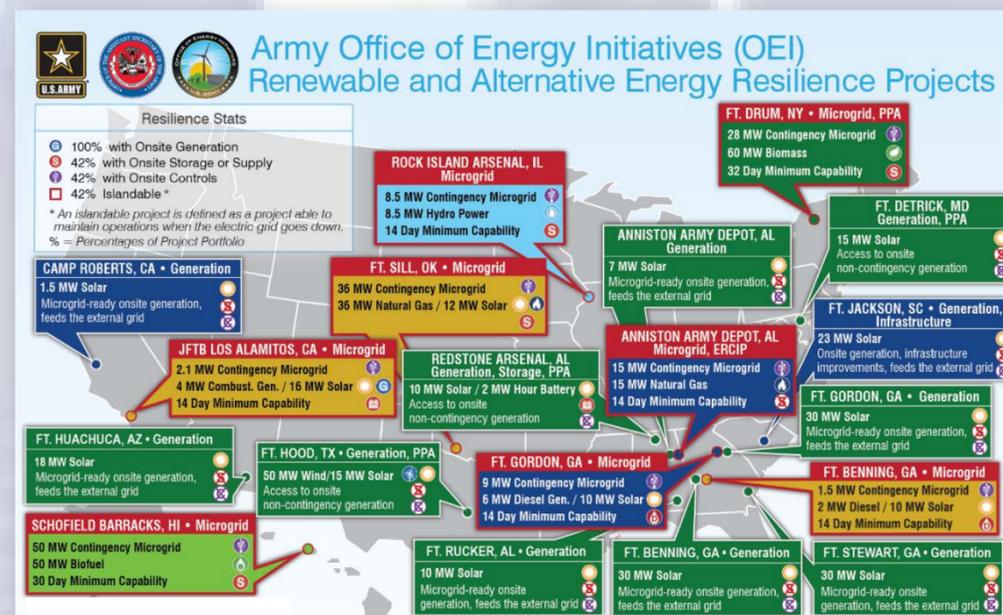


Redstone Arsenal is a United States Army garrison located in the Tennessee Valley in Madison County, Alabama. The installation has over 70 tenant organizations, including the U.S. Army Materiel Command, U.S. Army Aviation and Missile Command, Missile Defense Agency, U.S. Army Space and Missile Defense Command, and NASA Marshall Space Flight Center. The Arsenal has more than 38,000 acres of land, including over 25,000 acres of test areas, and supports 39,000 personnel. The Arsenal is a nationally recognized Department of Defense and Federal Center of Excellence focusing on materiel and logistics management, aviation and missile research, development and engineering, space operations, missile defense, intelligence, and homeland defense.

Energy resilience enables Army readiness, and this project is one of our many efforts to improve energy resilience across our installations. Army Directive 2017-07 requires that Army installations secure critical missions with a ready force, secure resources, and resilient capabilities by providing necessary energy and water for a minimum of 14 days.

To support this requirement, the OEI collaborates with public utilities, industry, and many other stakeholders to implement projects that include energy generation, energy storage, and energy control capabilities. These "islandable" capabilities can support critical operations in the event of a grid outage.

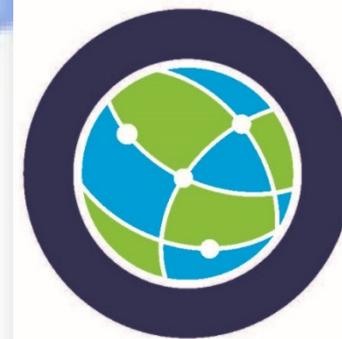
As you would expect, developing and implementing these projects takes a tremendous team effort and we want to thank all of our Army stakeholders for their tremendous input, support and assistance.



Project Status		Renewable & Alternative Energy Key					
Phase 1: Assessment	Phase 2: Validation	Biomass	Diesel	Natural Gas	Battery Storage	"Islandable"	
Phase 3: Contracts & Agreements	Phase 4: Construction	Biofuel	Generation	Solar	Storage / Supply	No Storage	
Phase 5: Operational		CHP	Hydro	Wind	Controls	No Controls	

# Introducing DENIX-as-a-service

(for the techie in you)



# DENIX

DoD ENVIRONMENT, SAFETY AND OCCUPATIONAL  
HEALTH NETWORK AND INFORMATION EXCHANGE

By **Shaniece Roseborough**

Environmental Information Technology Management Program Analyst  
ODASA (ESOH) - Environmental Technology Office

In September, Deputy Secretary of Defense Patrick Shanahan released a memo directing Department of Defense (DoD) agencies to employ an aggressive and accelerated adoption of cloud computing technologies in order to establish a culture of innovation and risk-taking. Increasing speed and agility in technology development is imperative to meeting warfighter needs and maintaining the military's technological advantage.

The memo identified a steering group to execute these efforts and developed a phased action plan in order to ensure this Department priority is enacted swiftly and successfully. Early commitment and strategic focus by the Assistant Secretary of the Army for Installations, Energy and the Environment (ASA IE&E), accelerated the Defense Environment, Safety and Occupational Health Network and Information Exchange (DENIX) three years ahead of the curve.

Managed by the Environmental Information Technology Management (EITM) program within the Office of the Deputy Assistant Secretary of the Army for the Environment, Safety, & Occupational Health (ODASA ESOH), DENIX has been at the forefront of DoD cloud efforts since 2014, when it became the first defense business to become fully operational in the cloud.

In 2016, EITM published an [article](#) in The Communicator highlighting overall DoD cloud efforts and DENIX's journey as a pioneer. While that article provided an important framework, EITM is proud to show how our efforts have progressed to the concept DENIX-as-a-Service.

To those who aren't familiar with DENIX or could benefit from a light refresher, DENIX is a collaborative cloud platform used for sharing and reporting DoD-specific ESOH information with the public and DoD community.

The public-facing website is accessed by federal, state, local, and tribal organizations; the general public; and international audiences. The secure-side of the platform is a CAC-enabled access for DoD users to store and share information up to For Official Use Only (FOUO).

Now that you've successfully passed phase I of DENIX 101, onto a crash course in "as-a-Service". The notion of Anything-as-a-Service (XaaS) is a term that refers to "the delivery of a vast number of products, tools, and applications to users on demand over a network.

The primary reason why organizations choose the XaaS business model is because it can cut costs and simplify IT deployments". While DENIX is the platform where DoD ESOH information resides, DENIX-as-a-Service is the model by which EITM delivers a suite of services and applications to DoD organizations, as needed, and at a lower cost than doing so yourself.

Since migrating to the cloud in 2014, DENIX has transitioned and enabled over 20 websites and data capabilities for organizations within the DoD ESOH community. Not only did those organizations reduce operating costs by moving their information from legacy data centers to the cloud, their applications inherited DENIX's cybersecurity posture; among the most stringent cybersecurity requirements in the DoD.

DENIX can support a variety of web, application, information, or data workloads to include: websites for both public and DoD-only audiences; training delivery; enterprise authoritative data; and customizable file sharing libraries. And before you conclude, "Well that all sounds great, but I don't want to manage all of that..." FEAR NOT! Benefits of using the DENIX platform include a dedicated content management team who deliver content updates with 24-48 hours turn-around time, as well as rapid and customizable website builds. All aspects of cybersecurity for the platform and by inheritance, your organization's applications and content, are maintained by a team of cybersecurity professionals.

EITM is also in the process of research and development efforts to expand the number of tools offered in the DENIX-as-a-Service delivery model, to support large scale web-conferencing, improve user experience, and apply techniques via Artificial Intelligence to enable predictive data analytics. This will revolutionize the way DoD ESOH information is stored, shared, and collected for a wide variety of stakeholders. As it stands, DENIX is the go-to resource for ESOH information and reporting, so the question is not *if* you should employ the DENIX-as-a-Service model for your IT needs, but *when* (Hint: the answer is now!).

Placing your content, applications, and tools on DENIX is not only financially and resourcefully prudent, but it will catapult your organization into a secure cloud environment, per the directive of the Deputy Secretary of Defense and the direction of the Army's enterprise-wide IT/cybersecurity journey. Rapid and innovative deployment for your information systems directly translates into rapid and innovative response for and to the warfighter. DENIX-as-a-Service is designed to meet that mission and support your organization in its efforts to do the same.

For more information, contact the Environmental Technology Office, Office of the Deputy Assistant Secretary of the Army for Environment, Safety, and Occupational Health Ms. Amy Borman, Program Manager, [amy.l.borman.civ@mail.mil](mailto:amy.l.borman.civ@mail.mil)

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# Multi-Domain Battle and Energy Resilience

By Mr. Jack Surash,  
Acting DASA Energy & Sustainability

In December, TRADOC published a paper describing the new concept of Multi-Domain Battle. This concept is the practical application of the National Security and National Defense Strategies, published in December and January.

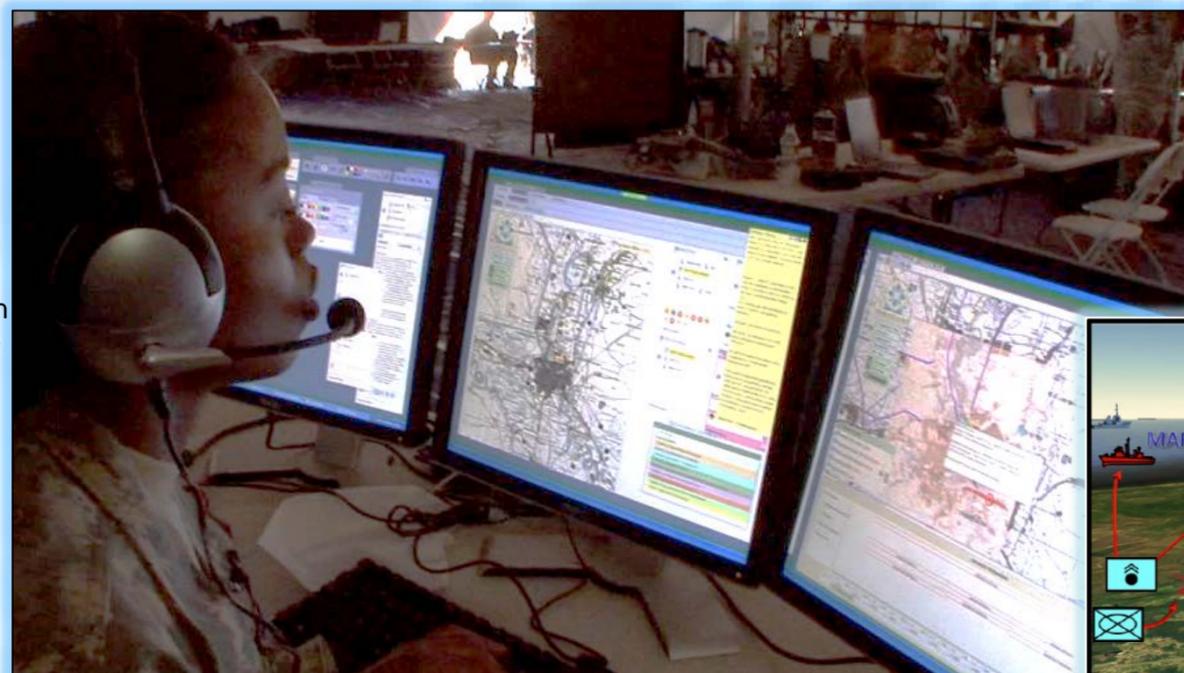
Together, these three documents address several critical challenges: the reemergence of constant strategic competition between great powers, the blurring of the line between war and peace, and our adversaries' technological advances that enable them to expand the battlespace geographically and across new domains.

These changes to the nature of warfare mean we must be prepared to fight to perform basic functions at our installations in order to generate readiness and project power. As the National Defense Strategy said, the homeland is no longer a sanctuary. Our access to a reliable supply of energy and water will be challenged at every opportunity, across multiple domains, by multiple actors, simultaneously.

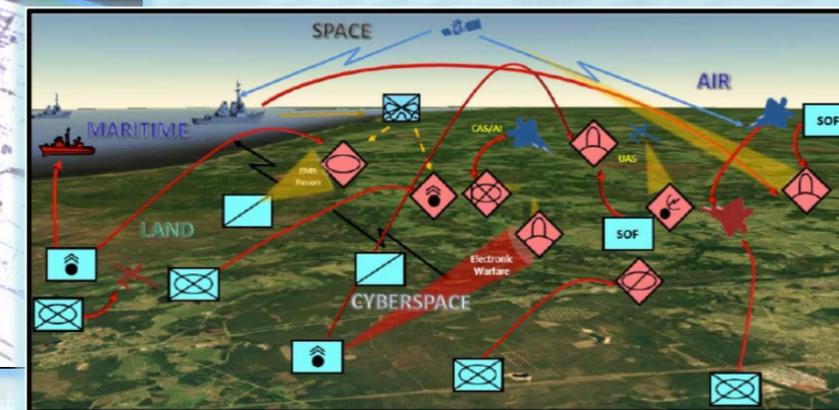
We've seen examples of this in action around the world recently. In early January, a swarm of rudimentary armed drones attacked a Russian airbase in Syria. It's not hard to imagine a similar attack on undefended electric substations or fuel storage areas on or near our installations.

In December of both 2015 and 2016, hackers launched frightening attacks on parts of the Ukrainian electric grid. In the first attack, not only did the hackers shut down automated relays at selected substations, they overwrote the relays' internal programming, making it impossible to turn them back on remotely.

The 2016 attack was far more sophisticated; analysts have called it the first fully automatic cyberattack on an electrical grid. It took out roughly one-fifth of the city of Kiev's generation capacity for several hours.



Mr. Jack Surash



For the Army, an outage of several hours in the right place at the wrong time can be devastating. This is why our Energy and Water Security Policy establishes a goal of maintaining a 14-day supply of water and energy for critical missions. Our highest priority must be building energy resilience into our installations.

## Expanding, Compressing, and Converging

We've grown used to thinking that installations are just where we live when we're not deployed. Even though installations are the factories where we build units ready to fight, they haven't been considered part of the fight. Emerging threats require us to change the way we think about our installations.

At its core, Multi-Domain Battle describes how the battlefield of the past has expanded, converged, and compressed. Understanding these changes is important for understanding how the Army will respond to its energy challenges.

Through convergence, our adversaries are able to attack a target using several types of capabilities, across many domains, simultaneously. And these capabilities, applied across the new domains, compress the battlespace, reducing the separation between tactical, operational, and strategic areas.

## Expanding means that our adversaries have done four things:

First, they have blurred the line between "conflict" and "below armed conflict," giving them the capability of achieving military objectives without resorting to what we traditionally call "war." A prime example is the 2014 Russian operation in Crimea. Russia presented the world with a *fait accompli* and annexed the Crimean peninsula without firing a shot themselves.

Second, our adversaries have added the domains of cyber, space, electronic warfare, and information to the traditional warfighting domains of land, air, and sea, giving them four additional avenues through which to attack.

Third, they have expanded the battlespace by adding to the number of actors. Our adversaries' use of surrogates and proxies now makes conflicts transregional.

Finally, and most importantly, they have expanded the battlespace geographically. We are vulnerable to cyber, space, electronic warfare, and informational attacks anywhere and everywhere, at any time... especially at home.

This means our installations are no longer simply places where we live when we're not deployed; they are part of the battlefield.

We must continue to build a comprehensive, holistic approach to managing our energy and water challenges. Resilience, the ability to adapt quickly and recover from adversity, is the key to that approach.

Our world is rapidly changing, and we must do our best to keep pace. The Army is pivoting from a single focus of energy and water efficiency to a focus on resiliency in order to support warfighter readiness. Because everything we do is designed to provide the warfighter with the energy and water required to train, to deploy, and ultimately, to fight and win our nation's wars.



Syrian Drones

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# U.S. Army Leads the Way for Partnerships and Innovation

Submitted by ODASA IHP



FEATURING



When the U.S. Army determined that 80 percent of its lodging inventory needed to be updated or replaced, it called on the private sector for help in developing an appropriate solution to its challenge.

In 2009, Lendlease closed on its partnership with the Army through the Privatization of Army Lodging (PAL) program to deliver updated on-post lodging options for service members, their families and all government travelers. Today, Lendlease's more than \$1 billion capital investment into the PAL program has resulted in over 12,000 new and renovated hotel rooms on 40 Army installations across the country.

The US Army is considered to be one of the most forward-thinking organizations in the world, and has a stellar reputation for successfully testing and implementing emerging and disruptive technology. Inspired by the Army's commitment to innovation, Lendlease pursued opportunities to incorporate sustainable building methods to support the Army's resilience efforts. Thanks to the Army's steadfast support of emerging building technology and sustainable construction, Lendlease successfully delivered the first hotel in the United States built with Cross Laminated Timber (CLT), the Candlewood Suites® hotel on Redstone Arsenal, an IHG® Army Hotel, in the spring of 2016.

Made of several layers of pressed lumber board stacked in alternating directions, CLT offers builders maximized strength and durability with added sustainability and conservation benefits. The CLT at Redstone Arsenal is an FSC-certified, 100 percent renewable resource, and provides an exceptional exterior wall performance for the building envelope, adding to its energy conservation benefits.

"Our 50-year partnership with the Army means that we are committed to not only delivering hotels for today's soldiers, but also the next generation of soldiers," said Gretchen Griffin, Senior Vice President and General Manager of Lendlease's lodging program. "We take that responsibility seriously, and implementing cutting edge materials like CLT ensures that we successfully deliver on that commitment for generations to come."



It took an 11-man Lendlease crew 11 working weeks to erect the more than 62,000 square foot hotel structure, translating to 43 percent fewer workers and 44 percent fewer man hours needed to complete the structure when compared to similar-sized structures. Additionally, the shorter structural production rate per day was 75 percent faster when compared to conventional framing materials and methods for similar-sized structures.

"More than half of our crew were veterans hired through the Still Serving Veterans organization in nearby Huntsville, Ala." Griffin said. "In addition to seeking environmentally-sustainable outcomes wherever we have a presence, we also consider social sustainability on all of our projects. Employing local veterans and providing in-demand job skills is a lasting solution for these employees and their families."

Lendlease's commitment to social sustainability continues on Fort Drum, where the PAL program's second CLT hotel is currently under construction. More than half of the crew members are military veterans, most of whom were hired through the Fort Drum "Soldiers for Life" Transition Assistance Program.

Facility safety is a high imperative on all military installations, and CLT had to meet several stringent strength requirements before it was considered a viable building product for on-post construction. The hotel on Redstone Arsenal was the first CLT structure to meet the highly-restrictive Anti-Terrorism and Force Protection (ATFP) requirements, and Lendlease has self-performed numerous tests to ensure all of the CLT we utilize on future projects continues to meet or exceed these requirements.



Lendlease began construction on the PAL program's second CLT hotel on Fort Drum in November of 2017, with completion scheduled for Winter 2018. New CLT hotels on Joint Base Lewis-McChord, Fort Jackson and West Point will begin construction in 2018 with several more new hotels for CLT consideration in the pipeline.

Lendlease is the owner, developer, design-builder and asset manager for the Department of Defense's only lodging privatization program. IHG® is the hotel operator and manager of IHG Army Hotels, which are located on 40 US Army installations and provide service and amenities tailored to meet the needs of military travelers.

## PAL Program Highlights:

- Portfolio includes new Candlewood Suites® and Staybridge Suites® hotels
- Lendlease renovates existing facilities into Holiday Inn Express® hotels and Historia Collection™ hotels
- Hotel operator IHG® (InterContinental Hotels Group) provides tailored amenities to meet the unique needs of government travelers
- Portfolio includes the largest Candlewood Suites® hotel in the world on Joint Base San Antonio
- \$84M cost avoidance in fiscal year 2017 alone



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# Town Hall – October 31, 2017



Mr. W. Jordan Gillis



The final ASA (IE&E) Town Hall for 2017 took place the final day of October 2017, with Mr. Randy Robinson introducing Mr. W. Jordan Gillis, the new acting assistant secretary of the Army for Installations, Energy and Environment.

Mr. Gillis told us a little about himself and said he was delighted to be here. He said, "As a political appointee, I arrive here with an agenda." That agenda, he said, was to take care of Soldiers and Families. He then turned to floor over to guest speaker Ms. Diane Hamilton who talked about Facilities Readiness Drivers.

Ms. Hamilton noted that Installations provide critical infrastructure that generates and projects combat power and contributes to Army Readiness. She outline the Strategic Readiness Assessment Process. She said the "Indicators" are Mission Readiness, Soldier and Family Readiness and Installation Capacity. When viewed through the metrics of Facilities, Services, and Energy, Water, Land, and Air, the Installation to Army Readiness can be measured. She then went on to discuss the Facility Readiness Driver Framework and define the Facility Readiness Driver Tiers.

Mr. Richard Kidd, deputy assistant secretary of the Army for Strategic Integration provided the Strategic Integration Update, which included viewing the Installation Threat Video and discussions on the Installation Futures Initiatives, fiscal year 2017 year end and fiscal year 2018 budget status. His next topic was a favorite to all, plans for ASA (IE&E) to transition to new desktops, docking stations and laptops ... then migrating to Windows 10. He closed by providing information about the Resource Management Services "mailbox" for customer feedback.

Ms. Michelle Soares then discussed the Combined Federal Campaign, "Show Some Love."

The Town Hall then moved on the Awards, Hails and Farewells.



Ms. Diane Hamilton



Mr. Randy Robinson



Ms. Michelle Soares

# Awards & Presentations



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During the Town Hall on October 31, 2017, we hailed Ms. Patricia Donahue, a new Program Manager in Energy and Sustainability and Mr. Bill Meyer, the Liaison Officer from the U.S. Army Engineer Research and Development Center working in Strategic Integration.



Mr. J. Randall Robinson was presented a certificate and pin in recognition of thirty years of service in the Government of the United States of America.



Mr. Richard Kidd was presented a certificate and pin in recognition of twenty-five years of service in the Government of the United States of America.



Mr. Carl Scott was presented the Department of the Army Superior Civilian Service Award for exceptional Superior Service while assigned to the Office of the Assistant Secretary of the Army for Installations, Energy and Environment as the program manager for Contingency Basing from January 2015 to September 2017.

His contributions, expert advice and ability to effectively communicate at the executive level advanced policy and programs initiatives at the highest levels of the Army.

His efforts will have an enduring impact across the entire Army for years to come. Mr. Scott's exceptional professionalism, initiative and devotion to duty reflect greatly upon him, the Army Secretariat and the United States Army.



## Employee Of The Quarter

Ms. Joyce VanSlyke was recognized as Employee of the Quarter with a certificate and a 24-hour time off award for superior performance of her duties from July to September 2017.

She is dedicated to her duties and contributed greatly to the Headquarters mission by effectively leading implementation of the Army's annual campaign plan for Energy Action Month.

Her efforts directly contribute to Operational and Installation energy programs by informing stakeholders at Headquarters, Department of the Army and the greater U.S. Army, Department of Defense, Federal Government Branch, U.S. Congress and the general public with the aim of creating awareness and understanding.

She developed a campaign calendar that identified and leveraged key co-promotion opportunities. Ms. VanSlyke's exceptional professionalism, initiative and devotion to duty reflect great credit upon her, the Army Secretariat and the United States Army.

**The Communicator**  
**Winter - 2018**

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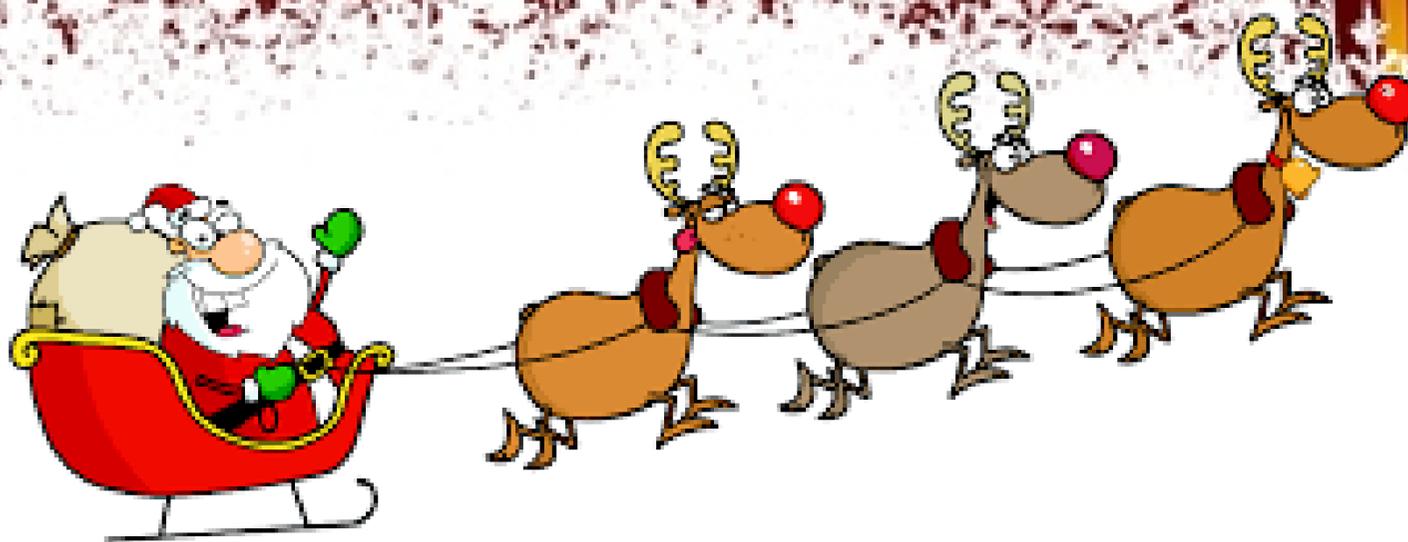
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# Door To Door



It was the fifth of December, and all through the Secretariats' house, office doors were decorated with humor and flash.

Inside the Pentagon, three wise judges ventured through the halls and isle ways looking for the best door decorations depicting the spirit of the holiday season.

With the eagerness of Dancer, Prancer and Vixen, Mr. Jordan Gillis, Mr. Randy Robinson, and Mr. Joe Hartel went from ODASA to ODASA.

First on the list were photos sent over from the Office of Energy Initiatives. Next stop was down the hall where Santa, snowflakes, elves, snowmen and reindeer adorned the door of Environment, Safety and Occupational Health.

Then, Strategic Integration, where imagination took the effort to a whole different level and a door simple labeled "ABOMINABLE SNOWDASA" adorned with a fluffy something or another.

Next on the judges' list, Office of Energy and Sustainability and a door wrapped and wreathed. Up and off again, next stop one of two doors offered up by Installations, Housing and Partnerships. The first a singing reindeer with bells, whistles and falling snowballs. The last door held representations of wise old owls shouting out a variety of greetings.

The judges then retreated behind closed doors to make their decision.

As will all good things, the winners of the annual effort would have to wait. The judges' decision would be announced at the ASA (IE&E) Holiday Party. *(See page 10)*



Assistant Secretary of the Army  
(Installations, Energy and Environment)

# HOLIDAY PARTY



On December 6th 2017, the majority of the Secretariat gathered at the Patton Hall Club on Joint Base Fort Myer-Henderson Hall for the annual ASA (IE&E) Holiday party.

The afternoon began with music, light snacks, discussions, comradery, and laughter.

As the more formal part of the event began to unfold, Mr. Randy Robinson provided the invocation, which signaled the beginning of a long line progressing to the buffet.

After lunch, festivities and games began.

The winners of the Holiday Door Decorating Contest were formally announced. Congratulations Strategic Integration for your creation, the "ABOMINABLE SNOWDASA."

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Mr. Robert Durham led the 'Decorate Your Plate' contest, whereby everyone placed a paper plate on their head and were instructed to draw holiday trees, stars and presents.

Ms. Michelle Soares led the staff in the "Left, Wright Game" where a package is passed (or tossed) the person on the left, or the person on the right, depending on what words were contained in a story she read.

Lt. Col. Connie Latiolais led the "Holiday Trivia – SING" contest, where participants tried to correctly guess the name of traditional songs, based on some rather complicated descriptions.

The "Table Décor" contest pitted each table against one another to vie for the title of "Best Centerpiece."

The highlight of the contests was undoubtedly the "Annual Ugly Sweater Contest."

Congratulations to the winners!



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*Mr. Eric Kurre (l) receives his retirement awards from Mr. Michael McGhee, OEI executive director.*

# Farewell Mr. Eric Kurre

The Office of Energy Initiatives (OEI) bid farewell to retiring Erich Kurre in January.

During his time as a project director, Erich pushed many projects into contract award and construction, including the only OEI project to date to be implemented under the Huntsville Multiple Award Task Order Contract. That same project at Redstone Arsenal is also the first OEI project to implement battery energy storage.

Erich also excelled at quickly identifying and deactivating projects that had no chance of success or were better off shelved for future analyses, saving time and money to focus on feasible efforts that are now fully operational projects.

Now that Erich is retiring, we imagine he'll be able to spend lots more time thinking of unique ways to utilize his land, clean his guns, and drive all over creation to find the best Korean buffets.

Hopefully, his biggest challenge will be convincing his wife to let him get a dog - preferably a German Shepard or a Rottweiler - and we hope he bests that challenge, as well.



# Happy Birthday Wishes

## February

<i>Miriam Ray</i>	<i>ODASA-IH&amp;P</i>	<i>3rd</i>
<i>Patricia Donohue</i>	<i>ODASA-E&amp;S</i>	<i>8th</i>
<i>Martha Milan</i>	<i>ODASA-ESOH</i>	<i>19th</i>
<i>Paul Cramer</i>	<i>ODASA-IH&amp;P</i>	<i>20th</i>
<i>David Bucher</i>	<i>ODASA-IH&amp;P</i>	<i>21st</i>

## March

<i>W. Jordan Gillis</i>	<i>Exec. Office</i>	<i>2nd</i>
<i>Michael McGhee</i>	<i>ODASA-E&amp;S</i>	<i>5th</i>
<i>Maj. Joshua Campbell</i>	<i>Exec. Office</i>	<i>9th</i>
<i>Steven Rodriguez</i>	<i>ODASA-SI</i>	<i>22nd</i>
<i>Maj. Robert Fenton</i>	<i>ODASA-IH&amp;P</i>	<i>31st</i>

## April

<i>Amy Borman</i>	<i>ODASA-ESOH</i>	<i>1st</i>
<i>Kurt Weaver</i>	<i>ODASA-IH&amp;P</i>	<i>4th</i>
<i>Col. William Darby</i>	<i>ODASA-ESOH</i>	<i>8th</i>
<i>JC King</i>	<i>ODASA-ESOH</i>	<i>10th</i>
<i>Joe Hartel</i>	<i>Exec. Office</i>	<i>13th</i>
<i>Joyce VanSlyke</i>	<i>ODASA-E&amp;S</i>	<i>19th</i>
<i>Richard Ramsdell</i>	<i>ODASA-ESOH</i>	<i>20th</i>
<i>Kristine Kingery</i>	<i>ODASA-E&amp;S</i>	<i>30th</i>

