



**ENERGY
RESILIENCE
GIVES US
THE POWER
TO WIN**

**OCTOBER IS ENERGY ACTION MONTH.
HOW WILL YOU INSPIRE CHANGE?**

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Energy Action Month is a national awareness campaign designed to educate Soldiers, Civilian employees, and our communities about energy resiliency, security, efficiency, and affordability; enhance their understanding of Army energy initiatives; encourage their participation in these efforts; and share our energy success stories with our peers and the general public. All U.S. Army Reserve (USAR)-funded Installations, Readiness Divisions (RDs), Army Reserve sites, and Mission Support Commands (MSCs) are encouraged to participate and host activities and events at their respective sites during the month of October. This year's Energy Action Month theme is "Energy Resilience Gives Us The Power To Win."

Why is energy resilience important?
From the electricity that powers our facilities to the fuel that powers our vehicles, energy touches nearly every aspect of the USAR's mission. With over 200,000 Soldiers and Civilian employees operating within nearly 43 million square feet of building space spread across the nation, the USAR is a major power consumer. Energy access is essential for the Army Reserve's resilience, meaning, if our energy supply is

disrupted, we still have the power needed to mobilize, deploy, and win.

There are many threats to our energy security. The 2018 National Defense Strategy states, "It is undeniable that the homeland is no longer a sanctuary." As our assets face threats of physical attacks and cyberattacks from our adversaries, and the devastating impacts of natural disasters, we must all take action to reduce energy and water consumption to protect our supply chains. This helps ensure USAR Soldiers have the energy and water they need, when they need it and where they need it—even in the face of disruption.

Furthermore, Army Directive 2020-03, Installation Energy and Water Resilience Policy, tasks all landholding commands to ensure a minimum of 14 days energy and water resilience during outages to sustain critical missions.

Energy and Water Resilience Strategy
Updated in 2020 through the Army's Integrated Strategic and Sustainability Planning process, the USAR Energy and Water Resilience Strategy focuses on:

- **Governance and Collaboration**— From engaging senior leadership to integrating operational staff, the USAR

Energy and Water Program drives policy and resources towards state-of-the-art resiliency initiatives. Through stakeholder engagement, we can continue to drive understanding and support for energy and water solutions that harden critical facilities.

- **Knowledge Management and Workforce**— We must properly staff our installation management workforce and provide them with dynamic data repositories and reliable information platforms. Empowering our workforce with continuous learning opportunities while leveraging a wider aperture of data will shape the USAR's success.
- **Infrastructure Modernization**— We must target our investments so USAR facilities are sustainable, enable multi-domain operations, and protect the homeland. Modern, efficient, and affordable infrastructure must withstand, respond to, and recover rapidly from disruptions.

If we each take steps to implement simple yet effective changes, we not only reduce usage but reduce costs that enable the USAR to move dollars towards other operational needs. Conserving power helps protect America's energy future.

SRD SNAPSHOT

HOW CAN I BECOME MORE ENERGY AND WATER EFFICIENT?

At Work

- Power down computer monitors, peripherals, and task lighting at the end of each duty day.
- Unplug electronics that are not in use for extended periods of time.
- Use the “energy saver” mode on office copiers and printers.
- Close doors and windows to air conditioned/heated spaces.
- Ensure vents are unobstructed.
- Check doors and windows for drafts; report any drafts to your Facility Manager.
- Learn the Army Regulations that govern energy use in Federal facilities and adhere to them.
- If you notice energy waste or opportunities for energy conservation, discuss them with your Facility Manager or Building Energy Monitor.
- More than six ticks, call for a fix! If a toilet or urinal flushes for longer than six seconds, call maintenance so they may assess the flush valve.

- Turn off water while you clean your hands with soap and turn it back on when you are ready to rinse.
- Do not install sinks with automatic sensors as they end up using more water than manual ones.

At Home

- Use natural light when possible and turn off the lights in vacant rooms.
- When purchasing electronics or appliances, choose ENERGY STAR® models.
- Use a power strip for electronics (not just computers) and turn it off when not in use to reduce phantom loads—average savings is \$100 and up to 12 percent of annual electric bill.
- Adjust your thermostat 7 to 10 degrees for eight hours a day—average savings is \$83 and up to 10 percent annually on cooling and heating bills.
- Choose energy efficient bulbs and replace your home’s five most

frequently used light fixtures with ENERGY STAR® models, you can save \$75 each year.

- Seal windows and door frames to save up to 20 percent on heating and cooling bills, while also increasing home comfort.
- Cover liquids and wrap foods stored in the refrigerator. Uncovered foods release moisture and make the compressor work harder.
- Hand watering is typically more efficient than sprinkler irrigation, but for large areas, make sure sprinklers are aligned to only water the grass and not your driveway. Water during cooler times at night or early in the morning.
- Washing your clothes in cold water reduces energy use by up to 80 percent compared to a warm wash load. Hot water uses 39% of energy in the average home.

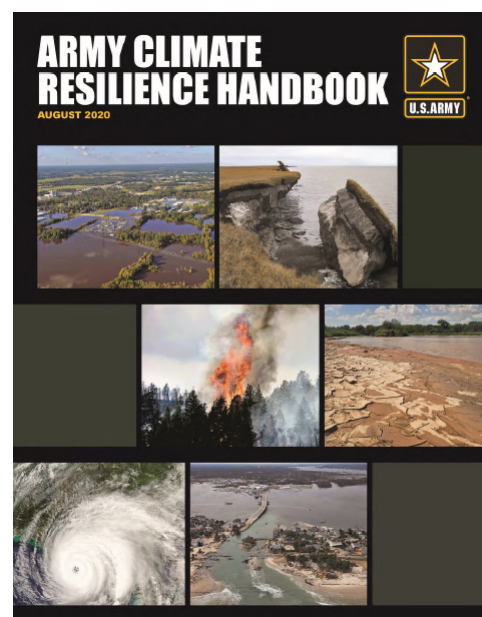
NOW AVAILABLE: ARMY CLIMATE RESILIENCE HANDBOOK

The effects of a changing climate are currently and will continue to be a national security issue, impacting Department of Army Installations, operational plans, and overall missions. Army recently released a memo directing Installations to plan for energy and climate resilience efforts by identifying the installation’s vulnerability to climate-related risks and threats. This memo is consistent with Department of Defense guidance per 10 USC § 2864 (Master Plans for Major Military Installations, April 2020). To address these risks and threats, the Army Climate Resilience Handbook (ACRH) takes Army planners through the process to systematically assess climate exposure impact risk and incorporate this knowledge and data into existing

installation planning processes such as master plans.

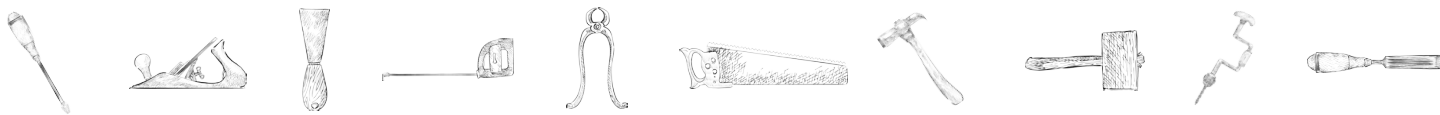
Throughout the world, DoD Installations are exposed to the risks of climate change, jeopardizing our nation’s security. By anticipating future climate change conditions, Army can reduce climate impacts to missions and operations and protect its real property investments by reducing exposure. The ACRH is intended to help Army planners in this effort.

To learn more about the ACRH and to download a copy, [click here](#).



SRD SNAPSHOT

WOOD INTO WORKS OF ART



The last six months has found the entire world constantly changing and adapting to a new normal. While a majority of us agree that 2020 is the year to forget, people are discovering the silver linings with all their newfound time at home to take up hobbies or to learn new skills. If you find yourself looking for a new activity, SRD encourages you to consider how you can reduce pollution, conserve energy and water, and find ways to live a more sustainable life. Looking for inspiration? Look no further than the 99th RD's John Pontier.

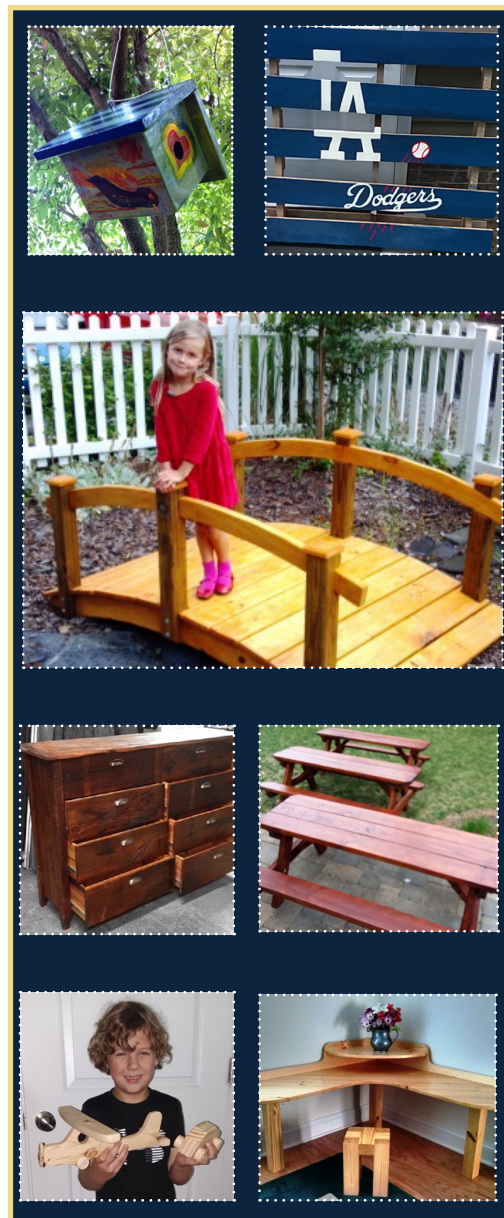
Pontier, who serves as environmental contract support for Regions 10 and 11, has been honing his carpentry skills his entire life. You name it and he's likely built it out of reclaimed wood. From kitchen tables and dressers to bed frames, bookcases, pet houses, activity tables, and more. "My father taught me carpentry skills," explained Pontier. "He built the house we grew up in. He was a teacher and worked on it during the summer months for many years. I always played with his tools and eventually got my own, and the rest is history."

With grown children and three grandchildren, woodworking continues to be a family affair. Pontier is frequently provided sketches and scaled drawings for projects from his son and daughter. "My

daughter bought a 100 year old home in Baltimore and she's been remodeling it. She can hang drywall and tile floors. She has a real artistic eye, and I'm proud of the skills she's acquired. I recently helped by building flower boxes and some fencing around the air conditioning units to enhance the house's curb appeal."

Branching out, Pontier started using wood pallets for projects. "I've been able to use them for school mascot signs for my grandkids and neighborhood kids as well as an American flag sign in my yard." So what's been Pontier's favorite project and what is he working on now? "My favorite thing I've ever built was a dresser that sits in my daughter's salon. It just turned out really nice, especially after I worked all the bugs out. I'm currently working on crafting my first crib so that's been a fun new project to learn how to design and build."

If you're Interested in taking up woodworking, Pontier suggests you find someone with the shared interest and learn from them. "Learn from your family members or a friend. Find someone to take you under their wing so you can learn firsthand from their experience. And if that's not available, instructional DIY videos online are pretty good too!"



USAR CEMETERY DIVESTITURE PROGRAM COMPLETED

Laura Pirtle, Logistics Services Program Manager, has successfully completed divesting ownership of six military cemeteries to the Veteran's Administration. The last remaining cemetery in the USAR's care, Devens Cemetery, was officially transferred effective 18 September per the Office of Army Cemeteries. Thank you, Laura, for your hard work in ensuring a seamless transition of continued respect and honor for our Veterans.

UPCOMING PROGRAM TELECONFERENCES

Environmental Leadership Forum
8 October
1500 - 1630 EST

Energy and Water Managers Teleconference
28 October
1430 - 1600 EST

Solid Waste Program Teleconference
18 November
1430 - 1600 EST

AMERICA RECYCLES DAY

Did you know the national recycling rate has increased over the past 30 years? The current recycling rate is 34 percent. Let's help increase the rate even more this November 15 on America Recycles Day. Stay tuned for more information! #BeRecycled



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