

FEDERAL ENERGY AND WATER
MANAGEMENT AWARDS



Career Exceptional Service Award Winners



**LYMAN
PARKHURST**

15 years of service
U.S. Army

Lyman Parkhurst boasts an extensive history of federal government service, including active-duty military service, contractor support, and civil service employment. Commissioned through the U.S. Naval Academy in 1982, he transitioned to the private sector in 1990, spending 15 years as an energy engineer and program manager. Joining U.S. Army Garrison (USAG) Italy in 2015, Parkhurst transformed the energy culture, overseeing improvements in utility monitoring systems, energy efficiency, and sustainability projects.



**BJ
TOMLINSON**

29 years of service
U.S. Army

BJ Tomlinson, division chief of sustainability and energy at Fort Bliss, Texas, was pivotal in securing the Fort Bliss utility energy service contract (UESC), awarded in June 2022. Over a nearly 4-year effort, Tomlinson's persistence and leadership were instrumental in moving from concept to award, placing Fort Bliss on the verge of significant improvements in water and energy resilience.



**JEANNIE
BELEW**

20 years of service
U.S. Army

Jeannie Belew has been a stalwart leader at Fort Leonard Wood since 2004. Starting as the utilities manager, she addressed a decade-long billing backlog and evolved to oversee utility privatization contracts. Belew's leadership includes implementing electric vehicle charging stations, managing utility privatization contracts, and navigating challenges like a tornado disaster in 2010.



**CHRISTOPHER
SWIHART**

15 years of service
U.S. Army

Christopher Swihart, Chief Warrant Officer 4, is currently stationed at the U.S. Army National Guard (ARNG) Garrison Headquarters in Arlington, Virginia. His illustrious career spans over 15 years of dedicated service. As the sustainability program manager for the ARNG, he plays a crucial role in planning, programming, and executing Base Operations Support public works programs for all 54 states, territories, and the District of Columbia



FEDERAL ENERGY AND WATER
MANAGEMENT AWARDS



Career Exceptional Service Award Winners



STEVEN BOLEWSKI

42 years of service
U.S. Department of
Veteran Affairs

Steven M. Bolewski, a registered professional engineer, demonstrates remarkable leadership and commitment as the Veterans Integrated Service Network energy manager for the U.S. Department of Veteran Affairs (VA), leveraging 42 years of diverse engineering experience. His pivotal role extends to efficiency projects, energy conservation strategies, and resilience efforts, notably securing seven awarded performance contracts exceeding \$280 million in implementation value, with anticipated annual savings of \$11.4 million.



JACK PETERS

38 years of service
U.S. Army

Jack Peters has more than 38 years of leadership spanning military, corporate, and Department of Defense roles. Serving as the project manager for a \$21 million environmental footprint reduction program in Afghanistan, he recommended operational energy changes resulting in substantial cost savings. Peters oversees energy and water reporting initiatives, implements advanced electric meter projects in Kuwait, and supports energy resilience and conservation investment program projects for enhanced resilience and diversity of energy sources.



JOE BUCH

38 years of service
U.S. Air Force

Joe Buch is a mechanical engineer and energy project manager at the Air National Guard (ANG) Civil Engineering Technical Services Center. With over 38 years of experience, Buch's leadership has been crucial in advancing ANG mission assurance, operational readiness, and energy and water resilience. Initially an Air Force pilot, he transitioned to civilian government service, focusing on the design and construction of facility mechanical systems and energy projects.



FEDERAL ENERGY AND WATER
MANAGEMENT AWARDS



Career
Exceptional
Service Award
Winners



SARAH
WENNINGER

20 years of service
U.S. General Services
Administration

Sarah Wenninger has made a significant impact over her 20-year federal career. As the regional energy coordinator for the U.S. General Services Administration's (GSA) New England region, she played a pivotal role in reducing the energy use of all fuel sources across buildings in the region. Her efforts resulted in a remarkable 31% decrease in energy usage from 2003 to 2021.



SHARON
CONGER

35 years of service
U.S. General Services
Administration

Sharon Conger's distinguished career at GSA showcases exceptional leadership, implementation skills, innovation, and institutionalization of ESPCs. Beginning in real estate contracting in 1989, she progressed to a branch chief in operations and, over the past decade, has been a driving force in establishing ESPCs as a standard practice within GSA. Conger's leadership involves facilitating, coordinating, and bringing regional and national teams together to execute projects. Under her guidance, ESPCs have become ingrained in GSA's approach to maintaining the federal real estate portfolio, influencing design standards, operations, and long-term strategic planning.



DANIEL
MAGRO

28 years of service
U.S. Navy

Daniel Magro, with over 28 years of experience in energy management, stands out as a distinguished leader and expert in ESPCs. His significant role in the Naval Facilities Engineering Systems Command's energy program, marked by multiple awards and accolades, showcases his leadership. Serving as the ESPC program lead since 2008, Magro successfully managed the \$6 billion program, exceeding goals during the 2016 Presidential Performance Contracting Challenge.



JEFFREY
JOHNSON

35 years of service
U.S. Navy

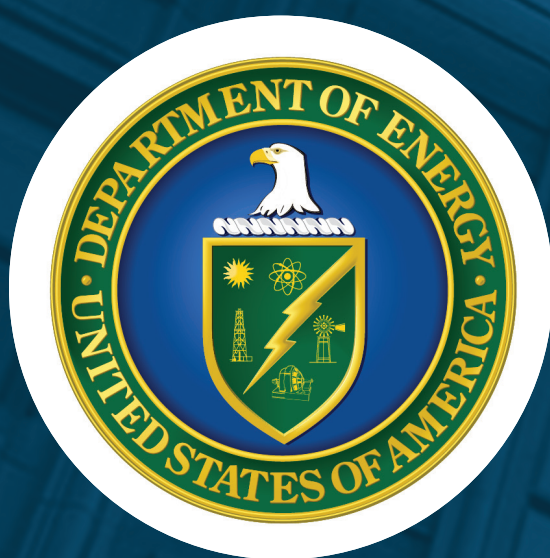
Jeffrey Johnson, the executive director of Naval District Washington, has over 35 years of dedicated service to the U.S. Navy, and his leadership has been pivotal in shaping energy, utilities, and facilities management. As the principal advisor to the Region Commander, he oversees policy, strategy, governance, and business management for the region, leading a team of more than 3,400 employees.



FEDERAL ENERGY AND WATER
MANAGEMENT AWARDS



Career Exceptional Service Award Winners



**WAYNE
EVELO**

32 years of service
U.S. Department of Energy

Wayne Evelo’s remarkable 32-year career with the U.S. Department of Energy (DOE) exemplifies his unwavering commitment to sustainability and exceptional service. Serving in various leadership roles within the National Nuclear Security Administration (NNSA), Evelo’s impact has been substantial. He managed sustainability and utility programs at the Sandia Field Office, led project teams, and served as the contracting officer’s representative for the first-ever Los Alamos Field Office energy savings performance contract (ESPC).



**TRACY
RIBEIRO**

15 years of service
U.S. Department of Energy

Tracy Ribeiro is a facilitator for the DOE Office of Legacy Management’s (LM) Environmental Management System. Ribeiro’s leadership spans over 15 years, starting as a site manager in 2007 and progressing to her current role as the Environmental Compliance, Safety, Health, and Quality Assurance Team supervisor. Ribeiro has initiated strategic direction, maintained organizational alignment, and collaborated with stakeholders to address sustainability challenges at LM’s 101 sites across 30 states and territories.



FEDERAL ENERGY AND WATER MANAGEMENT AWARDS



Contracting Award Winners



TRACIE JOHNSON
MARCUS CLINE
ROBERT KLEINMAN
SHEREEN WACHI
CURTIS NOBORIKAWA

**Joint Base Pearl Harbor-Hickam Power
Generation Enhanced Use Leases
U.S. Navy**

The Joint Base Pearl Harbor-Hickam power generation enhanced use leases (EULs) represent a transformative renewable energy project with over \$1.2 billion in funding investment. This initiative will provide more than 250 MW of renewable energy to Hawaiian Electric Company (HECO), enhancing island grid reliability and supporting the Department of the Navy's mission resilience during grid outages. Aligned with climate objectives and directives, the project addresses energy security gaps, contributes to Hawaii's 100% renewable energy goal by 2045, and aids HECO in overcoming challenges from the decommissioned coal-burning plant and planned retirements of oil-fired units.



AMANDA RENJIFO
BEVERLY WADE
BRIAN MARSHBURN
JAMES SIDES
RICHARD WYCKOFF

**Marine Corps Base Camp Lejeune
Microgrid Utility Energy Service Contract
U.S. Marine Corps**

In FY22, Naval Facilities Engineering Command (NAVFAC) awarded a groundbreaking \$22 million firm fixed price UESC to Duke Energy at Marine Corps Base (MCB) Camp Lejeune. Leveraging energy resilience and conservation investment program (ERCIP) funding, the UESC aims to install a microgrid at Camp Johnson and implement energy conservation measures across the base. The microgrid design includes on-site natural gas-fired generation, a battery energy storage system, and integration of existing solar PV systems, managed by a sophisticated supervisory control and data acquisition (SCADA) system. This innovative approach enhances energy security, ensures mission continuity, and reduces energy costs, serving as a model for other Marine Corps installations.



FEDERAL ENERGY AND WATER
MANAGEMENT AWARDS



Program
Award Winners



JARED CORSI
THOMAS HELGESON
RALPH THORN
RACHEL KEMPER
RONAL HOVLAND

88th Readiness Division Energy and Water
Program Resilience
U.S. Army

Led by Colonel Jared Corsi, the 88th Readiness Division at Fort McCoy, Wisconsin, is a key command of the United States Army Reserve and manages 555 buildings across 11 states, providing Base Operations Support to over 51,000 Army Reserve soldiers. The Division's Energy and Water program focuses on enhancing energy and water efficiency, with achievements including a virtual installation energy and water plan, collaborative resilience projects, and innovative financing approaches. Noteworthy results include a 63% reduction in overall water consumption and a 16.4% decrease in overall energy usage.



JAMES GOUGH
BEN AMARE

Marine Corps Installation Command
Electric Vehicle Autonomous Renewable
Charger Program
U.S. Marine Corps

The Marine Corps Installation Command's Transportation Services Branch (G-4) has been instrumental in providing EV charging facilities through the innovative Beam EV Autonomous Renewable Charger (ARC) program. The program procured 21 rapidly deployable and solar-powered Beam charging stations for \$1.8 million in FY22. This deployment, covering 14 installations, represents a nearly 40% increase in available ports.



JENNIFER FAUPEL
CYNTHIA BENSBURG
JOSEPH CAFFERATA
RICHARD SULLIVAN
WILLIAM MOSER

Bureau of Overseas
Buildings Operations Utility Analytics
Program
U.S. Department of State

The Utility Analytics Program within the U.S. Department of State's Bureau of Overseas Buildings Operations has demonstrated outstanding achievements in sustainability and resource management. This program established a comprehensive data collection effort, utilizing the EnergyCAP platform for centralized analysis of utility bills from 244 overseas posts. This innovative approach leveraged optical character recognition, minimized manual data entry, saved time, and improved accuracy.



FEDERAL ENERGY AND WATER
MANAGEMENT AWARDS



Program
Award Winners



JANICE TORRES
JIM MUGG
JESSICA WARD
DAVID SILVERSTEIN
THOMAS PUCKETT

Intergovernmental Support Agreement To
Realize Low Carbon Fuel Standards
U.S. Navy

The team’s leadership resulted in a groundbreaking agreement, utilizing 10 U.S.C. § 2913(c), to reduce greenhouse gas emissions (GHG) and enhance air quality. Through an intergovernmental support agreement, Naval Base San Diego accepted incentives for its vessels’ use of shore power, aligning with Executive Orders 14008 and 14057. The program’s fiscal impact is evident, generating \$10 million in revenue—after expenses, \$8.2 million—for crucial energy and utility infrastructure upgrades, expediting vital repairs by over 6 years.



NOAH FILLIAN
CHAD KNEISLEY
JAMES LANDFAIR
JESSIE NORTHRIDGE
PATRIC SHOUP

Wright-Patterson Air Force Base Energy
Management Section
U.S. Air Force

Using a comprehensive energy audit process, the Energy Management Section prioritizes projects for maximum energy savings and environmental impact. In FY22, key projects, including a \$14 million high-temperature hot-water decentralization project and a \$24 million decentralization project, showcased their forward-looking approach. Planning for future investments of approximately \$100 million, including a redundant transmission feed and large-scale solar arrays, demonstrates their commitment to federal and Air Force energy goals.



MICHAEL FEENEY
JEANNE GEISEL
CHARLES PHELPS
JUAN VILCHEZ
SHANE HILLSHOUSE

Marine Corps Logistics Base Albany Net-
Zero Electricity
U.S. Marine Corps

Over the past two decades, Marine Corps Logistics Base (MCLB) Albany has established a leading energy program within the Department of Defense. The base prioritizes distributed energy generation, cybersecurity, and efficiency efforts to support operational forces. In FY22, MCLB Albany achieved net-zero electricity, generating more renewable energy than it consumes. Diverse sources, including a biomass generator, landfill gas generators, and a solar farm, contribute to this success.



FEDERAL ENERGY AND WATER
MANAGEMENT AWARDS



Project
Award Winners



DAVID SHAFFER
TODD EVANS
SHARMEENA
SALAM-HAUGHTON
JOSEPH CAFFERATA
WILLIAM MOSER

U.S. Embassy Koror First Net-
Zero Embassy Project
U.S. Department of State

In 2022, the U.S. Embassy in Koror, Palau, achieved a groundbreaking milestone by becoming the first U.S. net-zero energy embassy, thanks to the Bureau of Overseas Buildings Operations' installation of a 162-kW solar PV system. This initiative aligns with the Bureau's commitment to sustainability, showcasing early action on renewable energy and achieving several key milestones. The embassy now produces 100% of its power needs, resulting in a projected cost avoidance of over \$100,000 annually.



STEVE RUTLEDGE
KINGA HYDRAS
PATRICK CHAPMAN
DAVID COCKRELL
STAN MCCOURRY

Net-Zero Oklahoma Project
U.S. General Services
Administration

Executed in the Oklahoma City Federal Building, the project implemented grid-interactive efficient building technologies, achieving near net-zero emissions and inspiring similar initiatives. Supported by grants and funding, the project yields \$13.5 million in projected savings, a 41% energy reduction, and a 3,100 metric ton annual greenhouse gas reduction, positioning it as a model for GSA's commitment to sustainability and resilience.



MICHAEL
RINGENBERG
MARK DENT
DEAN ANDREWS
DAN SHERRILL
SHAWN WILLIAMS

Kadena Air Base Energy Savings
Performance Contract Project
U.S. Air Force

Kadena Air Base strategically addressed resource limitations through an \$86 million ESPC, marking one of the largest water conservation initiatives in the Department of the Air Force (DAF). Completed in Fiscal Year (FY) 2022, the project includes four energy conservation measures, featuring LED lighting installations and water infrastructure upgrades that achieved substantial savings. Over 1,100 facilities benefited from LED lights, enhancing energy efficiency, and providing robust lighting. Water upgrades in more than 1,000 facilities saved nearly 60 million gallons in FY22, crucial for the island's limited water supply.



JENNIFER MEYER
PETER MARVIN
FRED SANDGREN
DAVE BELANGER
KRIS PETERSEN

Army Water and Heat System
Slip Lining Project
U.S. Army

This project at Fort Wainwright, Alaska, spearheaded by the Department of the Army, tackles vital infrastructure issues in the challenging Arctic setting of the military base. The project involved installing new stainless steel piping within existing lines, creating a revamped system without demolition, and rehabilitating ductile iron pipe waterlines using a cured-in-place-pipe (CIPP) lining system. These measures not only averted the risk of catastrophic failures but also enhanced water conservation, energy efficiency, and water quality.



FEDERAL ENERGY AND WATER
MANAGEMENT AWARDS

Project
Award Winners



**STEVEN
BLANKENSHIP
KRISHNA
KRISNAMOORTHY
WARREN LIVENGOOD
JOSEPH STROSCIO
SUNGMIN KIM**

National Institute of Standards
and Technology Gaithersburg
Helium Recovery and Recycling
System Project
U.S. Department of Commerce

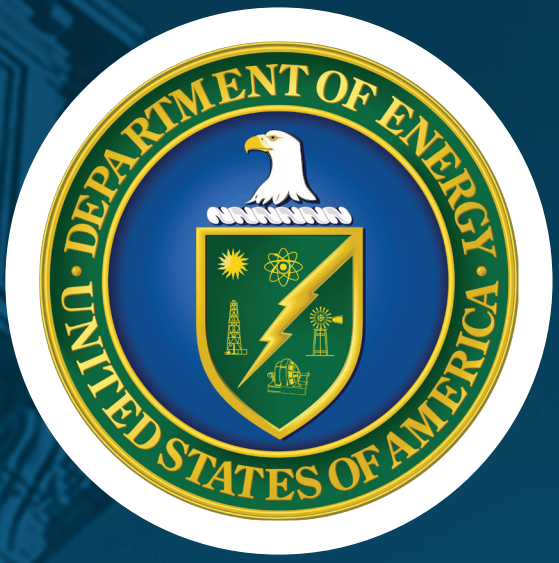
This project is acknowledged for developing a system to recover and recycle substantial quantities of liquid helium in Building 218 of the National Institute of Standards and Technology (NIST) Gaithersburg Campus. This initiative serves as a model for other NIST labs, government institutions, and private-sector entities. The project not only curtails the irreversible loss of Earth's finite helium supply but also diminishes greenhouse gas emissions associated with helium transportation to the NIST campus. With volatile helium prices and supply issues, the project significantly reduces costs for ongoing research in NIST labs.



**COLIN DAVIS
CHAD CARY
JONATHAN HEESCH
CLAIRE SURREY-
MARSDEN**

Sustainable Science at Sea:
Comprehensive and Collaborative
Energy Management and
Greenhouse Gas Reduction
on National Oceanic and
Atmospheric Administration Ship
Reuben Lasker Project
U.S. Department of Commerce

The National Oceanic and Atmospheric Administration (NOAA) Ship Reuben Lasker project achieved significant greenhouse gas reductions through collaborative energy management. Operating as a mobile laboratory, the ship faced unique challenges, relying on diesel fuel for electricity to support scientific research, ship propulsion, and onboard life. The project successfully optimized electricity generation efficiency and reduced fuel consumption. Strategies included using a power management system, modifying propulsion for efficient speed, and implementing energy-saving measures for hotel services.



**GARY BROWN
RUSSELL WARREN
RYAN KILBURY
RONALD
GALLAGHER
JEFFREY CARLSON**

Pacific Northwest National
Laboratory Energy Sciences
Center Project
U.S. Department of Energy

DOE's Pacific Northwest National Laboratory (PNNL) achieved notable success with its Energy Sciences Center (ESC) project, delivering a high-performance sustainable facility that houses collaborative research in chemistry, materials science, and computing, contributing to climate change mitigation. Despite complex challenges in designing a high-performance laboratory, the ESC adheres to sustainable principles, featuring passive and active energy and water reduction designs, resulting in a 37% energy reduction. The innovative heat transfer system, capturing and reusing waste heat, significantly reduces the ESC's carbon footprint by 2 million pounds per year.



**DAVID SHAFFER
RICHARD SULLIVAN
FREDERICK AGAMIE
MICHAEL
CALABRESE
WILLIAM MOSER**

U.S. Embassy Niamey Solar and
Battery Project
U.S. Department of State

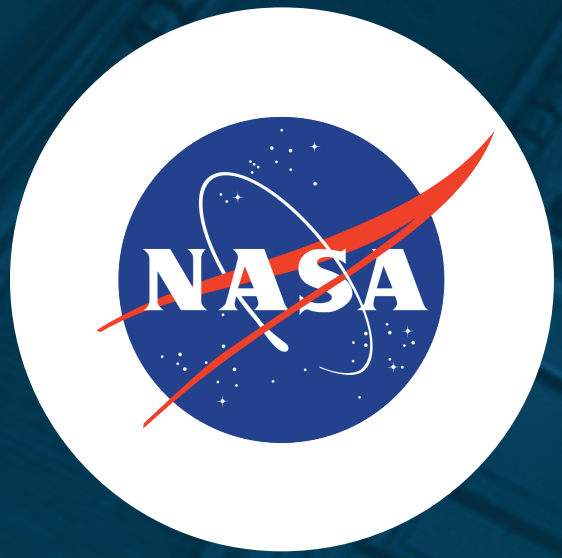
The U.S. Embassy in Niamey, Niger, achieved remarkable success through the installation of a pioneering large-scale battery energy storage system (BESS) in collaboration with the Bureau of Overseas Buildings Operations. This initiative demonstrated ingenuity, early action, and a commitment to sustainability by maximizing solar power usage, reducing dependence on diesel generators and the local grid, and enhancing energy efficiency. The BESS, with 1.5-MWh capacity, efficiently integrates with a 712-kW solar PV system, resulting in a 97% reduction in diesel generator use.



FEDERAL ENERGY AND WATER MANAGEMENT AWARDS



Project Award Winners



RHONDA TRUITT
WILLIAM BERRY
BRENT GARBER
CLARK LOWERY

**Marshall Space Flight Center Water
Leak Detection and Advanced Metering
Infrastructure Project**
**National Aeronautics and Space
Administration**

In 2019, the National Aeronautics and Space Administration (NASA) Marshall Space Flight Center (MSFC) launched six pilot projects, including water leak detection and advanced metering infrastructure, aimed at foundational infrastructure enhancements for operational efficiency, energy and water conservation, safety risk reduction, and future capability improvements. These interconnected projects, focusing on MSFC's potable water system, successfully addressed water leaks and consumption issues. The water leak detection project incorporated 28 sensors and provided pinpoint accuracy in identifying leaks, reducing excavation needs and associated labor resources.



DOUGLAS POLLOCK
BRENT BARNUM
KENNETH COLPETZER
RICHARD FLAREND
NICHOLAS CHABON

**Photovoltaic System Project at James
E. Van Zandt Altoona Veterans'
Administration Medical Center**
U.S Department of Veterans Affairs

The James E. Van Zandt Altoona Veterans' Administration Medical Center in Blair County, Pennsylvania, successfully implemented a groundbreaking solar PV project. This initiative, integrated into the Specialty Clinic expansion, showcases resilience and innovation. Operational since April 2023, the 171-panel solar array produced 38,084 kWh in the first four months, saving \$2,715 and reducing 16.5 metric tons of CO2 compared to the same period in 2022. Projected to yield approximately 82,900 kWh annually, the PV system contributes nearly 1% of the center's electricity needs.



RUSS GOERING
OZZY DIAZ
KEVIN COKER
VICKI RAY
JERRY KING

Sustainable Federal Building Program
U.S. Department of Transportation

The Mike Monroney Aeronautical Center (MMAC) excels in its Sustainable Federal Building Program, certifying sixteen buildings between 2013 and 2022—67% of Federal Aviation Administration (FAA) structures and nearly 60% of U.S. Department of Transportation (DOT) buildings. Surpassing the 15% threshold, MMAC significantly contributes to a 53% reduction in greenhouse gas emissions compared to the 2008 baseline.

