

November 2020 Edition



Celebrate 40 Years of R&D!

A graphic celebrating 40 years of DEED innovation. On the left, there is a logo for "DEED PUBLIC POWER RESEARCH & DEVELOPMENT" with "40 YEARS OF INNOVATION" below it. The main text reads "DEED Scholarships nurture new generations of Public Power workers". Below this, it says "Log into the DEED Project Database for details on this and nearly 800 other industry-changing projects DEED has funded." On the right, there is a photograph of a large blue blimp with a red and white striped gondola, floating in a clear blue sky. Below the photo, it says "IMPACTING THE INDUSTRY SINCE 1984".

DEED PUBLIC POWER
RESEARCH & DEVELOPMENT
40 YEARS OF INNOVATION

DEED Scholarships
nurture new
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Power workers

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IMPACTING THE INDUSTRY SINCE 1984

[Celebrating 40 Years of DEED Innovation: DEED Scholarships nurture new generations of Public Power workers](#)

DEED began awarding scholarships to students across the nation in 1984, helping hundreds of students fund their education and pursue energy careers since its founding. Since then, DEED also added student research and internship funding, expanding avenues to inspire the future workforce and connecting them with public power utilities.

DEED members can log in to the [DEED Project Database](#) for project details. Not a DEED member? Contact [Michele Suddleson](#) at 202-467-2960.

Grant Applications OPEN Now!



The DEED grant application cycle is open now! DEED members may apply for grants up to \$125,000 to improve utilities by increasing efficiency, reducing costs, investigating new technologies, offering new services, and improving processes and practices to better serve customers. Learn more about DEED funding [here](#) and get application tips from the [Utility Guide for Project Funding](#).

The internship application cycle opens in just two weeks on December 1. Your utility can receive \$4,000 to hire an intern to help develop and implement programs or initiatives at your utility. If you have a project that is more of the standard system upgrade or procedure, a DEED internship can supply some extra help. More information is available [here](#) and in the [DEED Scholarship Guide for Utilities](#).

Please email DEED@publicpower.org if you do not already have login information to the grant [management site](#) where you can begin your application. **The deadline for both grant and internship applications is February 15, 2021.**

Register Now: DEED Webinar to Share Results on Innovative Cooling System for Large Commercial Spaces

[DEED Webinar: New, Energy Efficient Cooling System's Use of Recycled Water is a Win-Win for Utilities and Customers](#)

The amount of energy required to cool facilities can be extremely costly and often results in blackouts during periods of peak demand. Burbank Water & Power tested a new system to reduce energy usage, water usage, and costs for both the utility and their customers. Learn about the results of their pilot test with an indirect evaporative cooling system in this webinar. Don't miss this opportunity to learn how you can replicate these cost, energy and water savings at your utility or key account customers.

This technology is especially suited for large spaces that need conditioning such as warehouses, big box retail buildings, data centers, car dealerships and garages, gyms, and classrooms, as well as areas that require ventilation. We highly recommend this webinar to anyone interested in sustainable energy practices or water conservation and utilities looking for cost-effective, energy efficient alternatives for cooling large, open spaces

Speaker: Asif Sheikh, Burbank Water & Power

Please join us at 2:00 - 3:00 PM EST on Thursday, November 19.

[Register now!](#)

Register Now: Community Solar Collaborative Meeting

[Community Solar Collaborative Meeting](#)

In this working group meeting, DEED members and National Community Solar Partnership staff will collaborate to identify assistance needed by public power communities that are planning and developing community solar projects and programs. You will hear how technical staff at the Department of Energy and its national labs have solved problems and roadblocks faced by communities across the country. Please come prepared to share your needs as you look to develop a solar program in your community. The feedback we receive in this meeting will be used to develop a technical assistance and training plan that we will share in the coming month.

Speakers:

- Joy Ditto, American Public Power Association
- Kyle Fricker, Department of Energy
- Alex Hofmann, American Public Power Association
- Joyce McLaren, National Renewable Energy Laboratory
- Michele Suddleson, American Public Power Association

Please join us at 2:00 - 3:30 PM EST on Wednesday November 18.

[Register now!](#)

2021 EIA and ACE Nominations Open Now!



Show off your innovative projects or your utility's commitment to R&D by submitting a nomination for a DEED Award. Join a select group of DEED members who have been rewarded with an **Award of Continued Excellence** or **Energy Innovator Award** over the last 40 years.

Learn more about the awards and past winners on the [ACE and EIA information page](#). Applications for the [ACE](#) and [EIA](#) are due on January 31, 2021. Questions? Contact DEED at (202) 467-2942 or email DEED@PublicPower.org.

New DEED Board Director- David Burnett



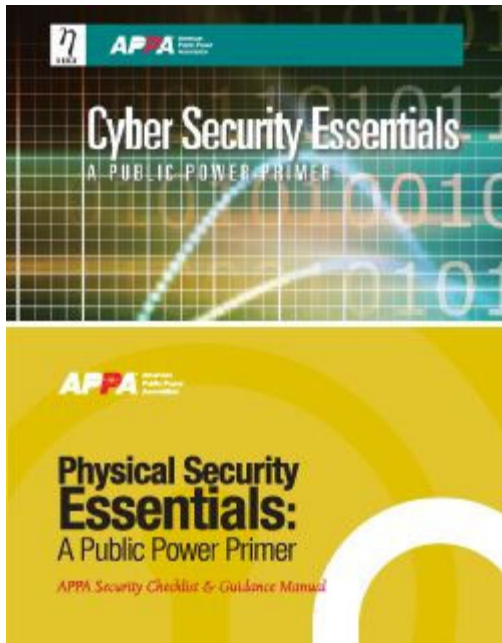
The DEED Board has appointed a new director to represent Region 1 (Colorado, New Mexico, Utah, and Wyoming). Please join us in welcoming David Burnett of Brigham City Power.

David has worked in public power for 37 years, initially in union electric line construction and substation construction, and now as the Power Director for Brigham City Power. Under his leadership, Brigham City implemented a complete SCADA system including added IEDs and fiber interface equipment. They also received APPA's highest RP3 designation, Diamond Status. Previously, David served as a director for Utah Associated Municipal Power Systems (UAMPS) and the chair of UAMPS' Horse Butte Wind Project Management Committee. He brings a wealth of experience and insight to the DEED Board and we are very excited to work with him..

DEED Publication Spotlight

[Security Essentials Package](#)

This publication provides an overview of both cyber and physical security measures to help utilities mitigate risks of all kind. You'll learn about cyber



security concepts and trends, as well as trends and recent incidents in the public power community. You'll also benefit from case studies and practical, pragmatic recommendations to keep your digital equipment as safe as possible. It also describes physical security protective measures and best practices for securing your facility.

The Security Essentials Package is a great resource for anyone looking to improve security at their utility. It's available to DEED members at a heavily discounted price.

Recently Completed Project

[G-419: Demonstration Project to Achieve Cost Effective Reliability Improvement Using Single Phase Reclosers](#)

Several Florida Municipal Power Agency member cities used a DEED grant to investigate the reliability benefits of single-phase reclosers. Although reclosers reduce both sustained and momentary outages, many cities face barriers such as a lack of internal staff to lead a reliability initiative, lack of engineering support to analyze their network and select recloser locations, and a perceived high cost. [Read about their findings in the DEED Project Database.](#) This project will be of particular interest to utilities looking for cost-effective solutions to reliability issues.

Contact

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