



The *DEED Monthly Newsletter* is now the *DEED Digest*, complete with a fresh new look! We will still be keeping you up to date on all things DEED, including opportunities to apply for scholarship and grant funding, webinars, and recently completed project information.

Scholarship Opportunities Available



Gain funding and support on your energy-related projects through hiring a student intern. If you have a project that is a standard system upgrade/normal maintenance activity/capital improvement project (not particularly unique/innovative), an intern can be an effective way to get help with a project when it is not appropriate for a DEED grant. More information is available on the [DEED Scholarships Page](#).

If you wish to apply for an intern, email us at DEED@publicpower.org to let us know and we will register you in the scholarship portal, which is **separate** from the grant portal. The deadline to apply for internship funding is **October 15th, 2018 at midnight**. Applicants will be informed of the board's decision by mid-December.

Lineworker Scholarships

Having trouble recruiting lineworkers and other technical staff? Help us so we can help you. Send DEED your contacts at technical colleges, vocational schools, lineworker schools, and local high schools, and we'll promote public power and DEED scholarship opportunities to their students. [Download the flyer](#) to post and distribute in your community high schools and local universities.

Please send your contact names, school affiliations, titles, and email addresses to DEED@PublicPower.org.

Looking for more workforce ideas?

Hear how Silicon Valley Power has been [Investing in a new generation of utility employees](#) and read a blog from former Austin Energy DEED intern Megan Dawkins titled [How my internship in public power inspires me](#).



One Grant and 3 Scholarships Completed last month

One grant and three scholarships have wrapped up in the past month since our last newsletter. Visit the [DEED Project Database](#) for a repository of information, resources, and reports on hundreds of projects funded by DEED. Search the database and discover how to replicate the success of these projects and generate ideas for future grant proposals.

G-391 Energy Efficient Air Management in Small Data Centers through the Use of Liquid Cooling in Servers

Silicon Valley Power (CA) partnered with the University of Washington to model, design, and demonstrate a novel cooling solution for computer data centers. The main element of this approach was a high-reliability liquid pump with a levitating rotor and no physical contact or friction between solid parts. The pump uses fluid bearings to eliminate friction, and, for the first time, uses precision manufactured plastic parts to achieve reliability and low cost. [READ MORE](#) on the DEED Project Database

S-238 & S-239 Independence Power & Light Engineering Interns

Independence Power and Light (MO) hosted two interns over a period of three months this summer who performed basic engineering work related to the analysis and evaluation of power and light production, and system operations projects. The position provided the interns with a portfolio of experience in what planning and management entails at an electric utility. The interns learned valuable mechanical engineering skills and performed various tasks in the engineering design and construction management divisions of the company. Read more on [INTERN A](#) & [INTERN B](#).

S-240 NCPA Cyber Security Intern

Northern California Power Agency (CA) hosted a cyber security intern to continue to build and improve upon both their Emergency Response Plan to a cyber attack, and their Incident Response table top exercises to simulate and test for cyber attack readiness. The intern helped plan, develop and coordinate the plan and exercise and developed a toolkit to allow others to replicate the tabletop exercise. The exercise allows utilities to analyze, adapt, and update Emergency Response Plans in order to be better prepared for cyber attacks before they happen. [READ MORE](#).

Light Up the Navajo Project Kicks Off



The ***Light Up the Navajo*** project kicked off this month with a planning meeting at Navajo Tribal Utility Authority. DEED funded the portion of this project where the utility surveyed the potential of electrifying the Navajo Nation. [Learn More](#) about DEED's contribution to this effort.

Access Database of Research Reports and Resource Pages

The Emerging Technologies Coordinating Council (ETTC) [website](#) includes an excellent database of [research reports](#) and [resources page](#) that may be of interest to you. The database houses research reports focused on the identification, assessment, and support for commercialization of energy-reducing technologies, such as advanced lighting, water heating, space heating and air-conditioning systems, for residential, commercial, agricultural and industrial customers. The [resources page](#) includes direct links to many energy and efficiency focused research organizations, federal agencies, National Laboratories, etc. The ETCC was created to help utilities achieve California's ambitious energy savings goals. You do not have to be a member to access the materials; just set up an account.

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