



A Publication of the Public School Facilities Authority

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PSCOC DIGEST

Issue III, 2016 Q4

MESSAGE FROM THE DIRECTOR



This year was another big year of accomplishments for the PSCOC and PSFA. After months of hard work and multiple revisions, the PSCOC adopted the scoring criteria and approved the release of pre-applications for the pilot Systems Initiative award year. The Systems Initiative aims to extend the life of existing school facilities through targeted spending and concurrently improve the facilities of school districts for their teachers, staff and students. The pilot application cycle is underway, with the PSCOC tentatively making awards at their May 2017 meeting.

The Broadband Deficiencies Correction Program (BDCP) has also been incredibly successful this year. The E-rate program, administered by the Universal Service Administrative Company (USAC) under the Federal Communication Commission (FCC), provided up to 90% with no district match of Category 1 (fiber project) funding when New Mexico provides the other 10%. This federal incentive makes high-speed broadband special construction affordable. This year, BDCP has

Continued on page 2

ENERGY STAR CERTIFICATION FOR SCHOOL BUILDINGS

By Hisham Tariq, Environmental Operations Engineer

When you see the ENERGY STAR label, it indicates that you are looking at a top performing building that will save money without sacrificing performance. ENERGY STAR certified buildings save energy, save money, and help protect the environment by generating fewer greenhouse gas emissions than typical buildings.



How does a building become ENERGY STAR certified?

A building must meet strict energy performance standards set by the US Environmental Protection Agency (EPA). To be eligible for an ENERGY STAR certification, a building must earn an ENERGY STAR score of 75 or higher, indicating that it performs better than at least 75 percent of similar buildings nationwide.

The ENERGY STAR certification can be applied for after 12 months of building occupancy. Energy Star certification ensures that the school building is actually performing efficiently. A licensed professional must visit the property and verify the application information before it can be submitted for ENERGY STAR certification. If approved, the building will receive a plaque indicating the ENERGY STAR certification.

ENERGY STAR Portfolio Manager®

The Environmental Protection Agency created the ENERGY STAR Portfolio Manager®, a free online tool used to measure and track energy and water consumption, as well as greenhouse gas emissions. Once utility billing data and all other building information such as occupancy schedules, total floor area, computer and other building equipment details are entered in the portfolio manager account, it will generate the score for the building. The ENERGY STAR score accounts for differences in operating conditions, regional weather patterns and other important considerations. The scores range from 1-100 and any score over 75 is deemed eligible to apply for Energy Star Certification.

PSFA and ENERGY STAR

PSFA is a proud ENERGY STAR partner and is dedicated to protecting the environment through the promotion of superior energy performance in school buildings. New construction projects funded with PSCOC dollars must have a Design to Earn Energy Star Certification (DEES) on their final construction drawings. Earning the DEES Certification during the design phase verifies that energy efficiency was given importance and helps prepare the school to apply for an ENERGY STAR Certification as well as other energy rebates when the project is completed.

PSFA provides support to districts when applying for the final certification for their school buildings. To learn more, please visit the [PSFA website](#).

also assisted approximately 260 schools on Category 2 (equipment) applications. Equipment covered under Category 2 includes network switches, WIFI infrastructure, network cabling and routers. E-rate offers funding ranging from 50-85% for these projects and the PSCOC participation for remainder is based upon the state/local match formula. During 2016, \$28.4 million was applied for by school districts across New Mexico for their Category 1 and 2 broadband needs. If wholly approved, e-Rate will provide 86.6% of the funding, the State 10.6%, and the school districts only 2.8% or approximately \$800,000.

KEY UPCOMING DATES

JANUARY

- 11th: Awards Subcommittee, Santa Fe
- 12th: AMS Subcommittee, Santa Fe
- 16th: Holiday, PSFA Offices Closed
- 17th: 2017 Legislative Session Begins
- 20th: PSCOC Meeting, Santa Fe

FEBRUARY

- 27th: 2017—2018 Standards-Based Capital Outlay Pre-Application Release

MARCH

- 17th: 2017-2018 Standards-Based Pre-Applications & Rank Appeals Due
- 18th: 2017 Legislative Session Ends

All meeting dates are tentative and subject to change

PSCOC AWARDS MADE THIS QUARTER

School District	Project	Award Type	State Share	Local Share
Albuquerque Public Schools	BDCP	Category 2 (Equipment)	\$108,590*	\$75,461
Carinos De Los Ninos Charter School	BDCP	Category 2 (Equipment)	\$1,303	\$765
Deming Public Schools	BDCP	Category 1 (Fiber)	\$34,314	\$0
Dora Consolidated Schools	BDCP	Category 2 (Equipment)	\$2,201	\$1,407
Espanola Public Schools	Abiquiu ES	Phase I Design Funding	\$135,059	\$79,321
Farmington Municipal Schools	Old Tibbets MS	Demolition	\$468,000	\$468,000
Hagerman Municipal Schools	BDCP	Category 2 (Equipment)	\$570	\$152
Hatch Valley Public Schools	BDCP	Category 2 (Equipment)	\$8,664	\$1,295
Hondo Public Schools	BDCP	Category 1 (Fiber)	\$1,750	\$0
McCurdy Charter School	BDCP	Category 2 (Equipment)	\$9,923	\$5,828
Melrose Municipal Schools	BDCP	Category 2 (Equipment)	\$2,337	\$1,494
Pecos Independent Schools	BDCP	Category 2 (Equipment)	\$2,318	\$3,335
Rio Rancho Public Schools	BDCP	Category 2 (Equipment)	\$80,236	\$39,519
Santa Fe Public Schools	BDCP	Category 2 (Equipment)	\$25,580	\$230,216
Silver Consolidated Schools	BDCP	Category 2 (Equipment)	\$2,600	\$3,178
Statewide		Lease Assistance	\$1,712,031	\$0
Statewide		FMP Awards	\$451,332	\$489,578
Tierra Adentro of New Mexico Charter School	BDCP	Category 2 (Equipment)	\$4,565	\$3,172
Truth or Consequences Municipal Schools	BDCP	Category 2 (Equipment)	\$1,810	\$4,029
Total:			\$2,944,593	\$1,406,750

* The revised state match of \$108,590 for Albuquerque is an adjustment of the previously awarded amount of \$106,621, and not in addition to that amount.

2016 BEN LUJAN MAINTENANCE AWARDS

Congratulations to the 11th Annual Ben Lujan Maintenance Award recipients! The following New Mexico school districts have executed efficient and reliable facilities maintenance and custodial programs.

HIGHEST ACHIEVEMENT DISTRICT AWARDS

Clovis Municipal School District
Farmington Municipal School District
Questa Independent School District
Tucumcari Public School District
Wagon Mound Public School District



RUNNER-UP SCHOOL DISTRICT AWARDS

Aztec Municipal School District
Rio Rancho Public School District

HONORABLE MENTION

Central Consolidated School District
Gadsden Independent School District
Hobbs Municipal School District
Roswell Independent School District

INDIVIDUAL AND TEAM AWARDS

(AS NOMINATED BY DISTRICT LEADERSHIP)

Tommy Nez, Central Consolidated School District
Fabian Sherman, Central Consolidated School District
Ted Lasiewicz, Farmington Municipal School District
Steve Vollmert, Farmington Municipal School District
Custodial Team, Farmington Municipal School District
Maintenance Team, Farmington Municipal School District
Jose Pinion, Gadsden Independent School District
Jacob Montoya, Questa Independent School District
Custodial Service Team, Questa Independent School District
Maintenance Service Team, Questa Independent School District
John Anderson, Rio Rancho Public School District

Rick Baker, Rio Rancho Public School District
Chris Ellwood, Rio Rancho Public School District
Dave Kasten, Rio Rancho Public School District
Luis Melendez, Rio Rancho Public School District
Wayne Myers, Rio Rancho Public School District
Maintenance Service Team, Rio Rancho Public School District
William Russ Robertson, Roswell Independent School District
Juan Tirado, Roswell Independent School District
Will Horton, Tucumcari Public School District
Cody Ryen, Tucumcari Public School District

2016-2017 SYSTEMS INITIATIVE TENTATIVE TIMELINE

JANUARY 20, 2017:

PSCOC determines final funding pool to proceed with full applications

MARCH 3, 2017:

Full applications due

MARCH 20-31, 2017:

Site visits of applicant districts

APRIL 7, 2017:

Site visit reports shared with districts

APRIL 14, 2017:

Final revised applications due

APRIL 21, 2017:

PSCOC Staff/PSFA recommendation review meeting

MAY 2, 2017:

Awards Subcommittee meeting

MAY 11, 2017:

PSCOC Award Meeting

All meeting dates are tentative and subject to change

PSFA PERSONNEL

HIGHLIGHTS:

Lacey Sawyer, HR & Training Manager earned her certification as a Professional Mediator.

Hisham Tariq, Environmental Operations Engineer earned his certification as an Engineering Intern (EI) from the State of New Mexico and became a Certified Measurement and Verification Professional (CMVP) from the Association of Energy Engineers.

Project Spotlight: Cloudcroft Emergency

The PSCOC approved an emergency advance to Cloudcroft Municipal Schools to mitigate anchoring issues of the exterior wall veneers at Cloudcroft High School. More than a decade after the High School was constructed, the stone masonry veneer had begun to fall. After investigating the cause of the failure, it was determined that the building code required anchoring systems were not installed for either the stone or masonry wall veneers. The district proposed to reinstall the masonry and stone veneers in order to comply with the appropriate codes and to ensure the safety of the building's inhabitants.

Initial corrective options indicated the entire veneer would need to be removed and reinstalled with the appropriate anchoring system in place. In this case, budgetary constraints coupled with the disruption to the students meant that an innovative solution was required. The overall aesthetic that had been achieved in the original design would have been vastly different if the stone was removed, since the budget would not have allowed for the installation of all new veneer. The project would have been costly and highly disruptive to students.

In light of these challenges, the project team investigated alternatives to stabilizing the existing the concrete masonry units (CMU) veneer but removing and replacing the natural stone veneer with a viable aesthetic option. The solution needed to meet budgetary requirements and also consider time constraints, the importance of removing safety hazards, and minimizing the disruptions to the students.

Ultimately, the district decided to eliminate the natural stone veneer altogether to avoid any future safety or maintenance issues, and the veneer was replaced with an elastomeric stucco finish that had a similar aesthetic while greatly reducing the cost and maintenance challenges.

Rather than removing the masonry, the project team identified a solution that would allow for an anchoring system to be installed into the mortar joints of the existing CMU wall and tied back to the structure rather than having to remove and reinstall. While common other places in the world, this anchoring method is not generally utilized in the United States. For this reason, the project team had to meet with the Construction Industries Division (CID) in order to determine the viability of the proposed solutions to meet code requirements. After a review of testing reports, analysis by a structural engineer, and an onsite demonstration, CID approved the project.

The original project estimate, based upon the conventional method of removing and replacing the veneer, totaled over one million dollars. By considering innovative solutions and materials, the project cost has been reduced by hundreds of thousands of dollars while ensuring the safety of the building inhabitants and maintaining the integrity of the structure and the desired aesthetic of the school district.

