



Watts Up ... and Down



Watts Up ... and Down Debut

This is the first issue of the newsletter of the CCC/IOU Energy Efficiency Partnership, *Watts Up ... and Down*. This newsletter will be published quarterly and is intended to provide up-to-date information for the California Community College system on what's going on in the Partnership and with Proposition 39, the California Clean Energy Jobs Act of 2012. For our debut newsletter, we are providing an overview of both the Energy Efficiency Partnership and Proposition 39, key achievements and highlights of Community College successes, and information on resources available to you from the Partnership, as well as contact information.

We hope you will find this newsletter helpful and encourage you to provide feedback by emailing us at CCCupdates@newcomb.cc

Program Overview

The CCC-IOU Energy Efficiency Partnership advocates, promotes and supports energy efficiency in the California Community College system by leveraging resources from the Community College Districts, the Community College Chancellors Office, the State of California, and the four California Investor Owned Utilities, including Pacific Gas & Electric (PG&E®), Southern California Edison (SCE®), Southern California Gas (SCG®), and San Diego Gas & Electric (SDG&E®). This unique Partnership results in achieving common goals for energy use reduction, cost savings, and fostering a more sustainable future. For more information go to:

www.ccutilitypartnership.com

Inside this issue

- Program Overview.....1
- Message from the CCC/IOU Partnership Management Team2
- Program Achievements2
- District Case Study.....3
- The Changing Energy Efficiency Incentive Landscape4
- Resources for Project Close-out.....4
- Prop 39 Year 5 Key Deadlines5
- Resources and Contact Information6

Special points of interest

- What is the CCC/IOU Energy Efficiency Partnership?
- Can the Partnership help you with Proposition 39 implementation?
- Best Practices from other Districts and how to meet challenges
- Are there Energy Project Incentives available?



Message from the CCC/IOU Partnership Management Team

The CCC/IOU Partnership Management Team is made up of representatives from Community Colleges Districts, the Chancellor's Office, and the four Investor Owned Utilities. Through its Outreach program of conferences, regional forums, and one-on-one meetings at campuses, the Management Team members strive to provide information and the sharing of "Best Practices" of other Districts to help the Community Colleges meet their energy efficiency needs. Technical assistance provided through the IOUs also helps Districts identify qualifying energy efficiency projects and provide monetary incentives to help fund projects.

The Management Team is here to help, and we encourage your feedback so that we may better serve your needs and to meet your goals for energy efficiency and sustainability!

Since its inception in 2006, the CCC/IOU Energy Efficiency Partnership has been instrumental in helping the California Community Colleges become more fiscally and environmentally sustainable.

128 thousand

Metric Tons of Greenhouse Gases Avoided Annually

\$39.8 million

Incentives Granted (2006-2016)

ANNUAL SAVINGS

144 million
kWh

5.25 million
therms

\$121 million
energy costs

Program Achievements

Since its inception in 2006, the CCC/IOU Energy Efficiency Partnership has been instrumental in helping the California Community Colleges become more fiscally and environmentally sustainable. Because of the Partnership energy efficiency projects, colleges are saving **144 million kilowatt-hours and 5.25 million therms** annually with a resulting energy cost savings of **\$121 million**. These energy savings equate to **128,000 metric tons of Greenhouse Gases avoided**, which is equal to taking **27,000 cars off the road** every year. To help pay down these projects districts have received almost **\$40 million in one-time Investor Owned Utility incentives**.

The achievements of the Partnership have translated to success for the Proposition 39 program as well. Leveraging the infrastructure from the Partnership, districts have **identified over 800 projects to date since 2013 and received \$127 million in Proposition 39 funds** for the installation. These projects have resulted in the **creation of over 1,000 new jobs** for the state of California.



Library—Santiago Canyon College

District Case Study

Rancho Santiago CCD

Santiago Canyon College – Interior Lighting LED Retrofit



The winner in the Best Large District project category in the 2016 CCC Board of Governors Energy & Sustainability Awards, Santiago Canyon College performed an interior lighting LED retrofit in multiple buildings. The college replaced over 3,000 outdated T8 linear fluorescent fixtures in several campus buildings with advanced LED retrofit kits. The project cost \$680,000 with Proposition 39 funds paying for approximately \$550,000 and Investor Owned Utility rebates of just over \$130,000 which resulted in zero costs to the district. The college saw a reduction of more than 550,000 kilowatt-hours (kWh) and 203 kilowatts (kW) with a subsequent energy bill reduction of over \$115,000 annually. Additionally, construction of this project created over 2,300 hours of employment in the community.



Interim Chancellor Skinner, President Baum and Vice President Estolano with representatives from Santiago Canyon College.

District Case Study

Interior Lighting LED Project highlights:

- Replacement of 3,000 T8 linear fluorescent fixtures in several buildings with Tube LED fixtures
- Project cost of \$680,000
- Prop 39 funding of \$550,000
- Partnership rebate of \$130,000
- ZERO project cost to District
- Energy use reduction of 550,000 kWh annually and a demand reduction of 200 kW
- Energy Cost Savings of \$115,000 annually

For more information contact:

Carri Matsumoto
 Assistant Vice Chancellor,
 Facility Planning and District
 Construction and Support
 Services
 Rancho Santiago CCD
 Matsumoto_Carri@rscdd.edu

BOG Award Winner

The winner in the Best Large District project category in the 2016 CCC Board of Governors Energy & Sustainability Awards, Santiago Canyon College performed an interior lighting LED retrofit in multiple buildings.

The Changing Energy Incentive Landscape—FAQ

Incentive Program Changes

Factors causing changes in energy rebates

- Higher standards of EE in Title 24 reduce incentivizable savings
- Cost effectiveness of measures
- LED Market Pricing trends
- All measures are evaluated yearly
- Rebates processed on a first come, first served basis
- Utility account representative are here to help

Project Close-out and Reporting

Close-out Reporting Metrics

- Project Cost and Prop 39 allocation
- Utility incentives
- Energy Savings
- Jobs created
- GHG Emissions avoided

Process

- Project Installation Complete
- Utility inspection and Incentive Approval
- Signed Form J from all contractors documenting job creation
- Signed Form F, Final Project Verification Report, from District plus supporting documents
- Final Form B signed by District documenting costs, energy savings, and Prop 39 allocation

Q: Why do the rebate values change?

A: The rebate values for energy efficiency measures are frequently evaluated for cost effectiveness based on market costs and other evaluation criteria. In addition, changes in Title 24 result in reducing “above code” energy savings and project categories that qualify for incentives.

Q: Does this include LEDs?

A: Yes. With LED market prices trending downwards over time, rebate values have been reduced or removed across the state to better align with product costs.

Q: What other measures are impacted by changing rebate values?

A: All measures are evaluated every year

for cost effectiveness. Please check your local utilities energy efficiency program webpages for the most current eligible measures.

Q: Are the Partnership incentive rates changing?

A: The Partnership is maintaining its historically high incentive rates for energy efficiency projects. Incentive payments are made for qualifying projects at \$0.24/kWh and \$1.00/therm (\$1.50/therm in SCG territory). Deemed or “Express” project rebates may differ depending on technology.

Q: Who should I talk to if I have questions?

A: Please contact your utility account representative. We are here to help!

Are energy project incentives changing?

Resources for Project Close-out

It’s vitally important for the success of the program that Districts install and close-out projects funded by Proposition 39 as soon as possible. The results of project installation are reviewed by the Citizens Oversight Board established for Proposition 39 as well as reported to the state legislature. Reporting metrics and the close-out process are summarized in the bar on the left.

Upon project installation completion, the CCCC and/or utility representative will perform a final inspection of each completed project to verify final energy savings, actual job creation, and project costs. In addition, state legislation requires that actual full time equivalent (FTE) employees and the number of trainees resulting from funded projects be reported with each project. The District shall be responsible to obtain this information from all contractors performing work on a funded project by requiring each contractor to fill out and submit a Job Creation Reporting Form (Form J). In addition, the District will be responsible for the preparation and submittal of the Final Project Verification Report (Form F) to the Chancellors Office after the project installation is complete. At the completion of project close-out, all final project data will be entered into a Final Form B documenting final project costs, energy savings, jobs created, and Proposition 39 funds applied to the project. The District must sign and return the Final Form B to the Chancellor’s Office. At this time the project will be considered complete and closed-out.

The IOUs and Newcomb Anderson McCormick are available to assist Districts with the project Close-out Process or to answer any questions you might have. Please refer to the last page of the newsletter for contact information to obtain this assistance.

Proposition 39— Key Deadlines

We are now entering the 5th and final year of the Proposition 39 program. As in past years, the Chancellors Office has issued a “Call for Projects” to develop a pipeline of projects to fully use allocated funding that will be approved by the legislature with the state budget for FY 17-18. In addition to the new funding for Year 5, some Districts have unused funding from previous years that should be utilized before the end of the program. Project planning for Year 5 should include all unused funding from previous years as well.

Call for Projects Deadlines

- Assume Year 4 funding until budget approval
- Preliminary project lists **due by Feb 17th**. Preliminary Project lists should include rough costs and energy savings, if possible. A good place to start would be any unfunded energy projects from Year 4 or prior year projects lists.
- Energy savings and cost calculations, preliminary Form B, and Incentive Applications are **due by April 7**. The utilities and Newcomb Anderson McCormick (NAM) will work with the districts to refine the projects and develop Form Bs and incentive applications.
- Utility incentive approval **by June 9**. Based on utility incentive approval, the Proposition 39 Funding Applications and signed Form Bs will be prepared for submittal to the Chancellor’s Office in July.
- State budget adoption and funding finalized NLT **June 30**.
- Year 5 funding submittals by **July 10**. The submittal will include energy savings, SIR, Prop 39 allocation, and job creation numbers.



Project planning should encumber all remaining available funds from Year’s 1 –5

Program End Deadlines

With the ending of the five-year Proposition 39 program, we will be faced with additional deadlines to encumber funds and to complete and close-out projects. All planning and implementation of projects using Year 5 or earlier year funds should incorporate these deadlines into project planning. These should be considered “drop-dead” dates without available extension. These dates are described below:

- Any remaining projects needs to be submitted to the Chancellor’s Office and all Proposition 39 funds must be encumbered **by May 11, 2018** or returned to the state (“encumbered” means project funding approval by CCCC).
- All funded projects will need to be installed and completely closed out with all forms and back-up data submitted **by June 28, 2019**.



CCC/IOU Energy Efficiency Partnership

The Partnership offers valuable resources to Community College Districts to assist with the identification and implementation of energy savings projects. In addition, the infrastructure of the Partnership is leveraged to help implement the Proposition 39 program. These services and contacts from the IOUs and Newcomb Anderson McCormick are available to assist you with your energy project needs.

Resources and Contact Information

- **Project Identification and Development Technical Assistance** that results in energy and cost savings projects for Districts served by the Partnership.
- **Energy Project Incentives** that buy-down the project costs improving economics and payback.
- **Assists the achievement of District Sustainability Goals** through the reduction of GHG emissions and energy cost savings.
- **A One-Stop Portal to other Utility Programs** including Demand Response, Self-Generation, and Renewable Energy.
- **Supports Proposition 39 Program Development** through project identification, implementation, and close-out assistance.



CCC/IOU Energy Efficiency Partnership

Contact List as of: April 2017

CCC Chancellor's Office

| | | | |
|-----------------|-----------------------|----------------|--------------------------------------|
| Mario Rodriguez | mrodriguez@cccoco.edu | (916) 324-9508 | Executive and Management Team member |
| Carlos Montoya | cmontoya@cccoco.edu | (916) 322-1438 | Executive and Management Team member |
| Hoang Nguyen | hnguyen@cccoco.edu | (916) 327-5363 | Management Team member |

CCC Districts

| | | | |
|-----------------|----------------------------|----------------|--------------------------------------------------|
| Bob Bradshaw | rbradshaw@elcamino.edu | (310) 363-1102 | Management Team member (El Camino CCD) |
| Fred Diamond | fdiamond@citruscollege.edu | (626) 914-8691 | Management Team member (Citrus College) |
| Medhanie Ephrem | mephrem@lbcc.edu | (562) 938-5998 | Management Team member (Long Beach City College) |
| Peter Hardash | Hardash_Peter@rscdd.edu | (714) 480-7340 | Management Team member (Rancho Santiago CCD) |
| Tom Macias | tmacias@miracosta.edu | (760) 795-6691 | Management Team member (Mira Costa College) |
| Jose Nuñez | nunezj@smccd.net | (650) 642-7151 | Management Team member (San Mateo CCD) |

PG&E

| | | | |
|------------------|--------------|----------------|---------------------------------------------------------------------------------------------------------------|
| Alison Erlenbach | A1EG@pge.com | (415) 973-8359 | Program Manager, Management Team member, manages and coordinates all Partnership activities in PG&E territory |
| Aaron Keough | A1KX@pge.com | (530) 889-3243 | Account Representative, District outreach |
| Karen Loida | K2L5@pge.com | (805) 595-6354 | Account Representative, District outreach |

Resources and Contact Information



SCE

| | | | |
|-----------------|---------------------------|----------------|--------------------------------------------------------------------------------------------------------------|
| Robert Carbajal | robert.a.carbajal@sce.com | (909) 367-5014 | Energy Programs Supervisor |
| Holly Merrihew | holly.merrihew@sce.com | (626) 302-0257 | Program Manager, Management Team member, manages and coordinates all Partnership activities in SCE territory |
| Lisa Hannaman | Lisa.Hannaman@sce.com | (714) 325-2537 | Account Representative, District outreach |
| Amy Discher | Amy.Discher@sce.com | (714) 401-2580 | Account Representative, District outreach |

CCC/IOU
Energy
Efficiency
Partnership

Contact List
as of:
April 2017

SCG

| | | | |
|-----------------|-------------------------------|----------------|--------------------------------------------------------------------------------------------------------------|
| Becky Estrella | bestrella@semprautilities.com | (909) 335-7992 | Energy Programs Supervisor |
| Gustavo Sevilla | GSevilla@semprautilities.com | (213) 244-5316 | Program Manager, Management Team member, manages and coordinates all Partnership activities in SCG territory |

SDG&E

| | | | |
|-----------------|-------------------------------|----------------|----------------------------------------------------------------------------------------------------------------|
| Brian Haines | BAHaines@semprautilities.com | (858) 637-7910 | Energy Programs Supervisor |
| Chris Nanson | CNanson@semprautilities.com | (858) 654-6466 | Program Manager, Management Team member, manages and coordinates all Partnership activities in SDG&E territory |
| Robert Maderazo | RMaderazo@semprautilities.com | (858) 568-8723 | Account Representative, District Outreach |

Statewide Outreach Manager

| | | | |
|------------|-------------------|----------------|----------------------------|
| Ron Beeler | ronbeeler@fpps.us | (714) 267-7209 | Statewide Outreach Manager |
|------------|-------------------|----------------|----------------------------|

Program Administrative and Management (PAM) Consultant

| | | | |
|----------------------------|--------------------------|----------------|----------------------------------------------------|
| Newcomb Anderson McCormick | | | |
| Matt Sullivan | Matt_Sullivan@newcomb.cc | (415) 896-0300 | Overall Program Manager and Management Team member |
| Steve Clarke | Steve_Clarke@newcomb.cc | (415) 896-0300 | Southern California Program Support |

