

## **CITY COLLEGE OF SAN FRANCISCO- July 2011**

MONTHLY HIGHLIGHT (Narrative, min 250 words, most important event to your Center this month)

The CCSF-ATTE program has reviewed availability of CCCCCO grant programs with possible partners. Two that we have supported in the past and which appear to have greatest interest for our partners include the RTF and IDRC programs.

We discussed an RTF grant possibility for United Airlines with our contact at United. The possibility of using the grant for ground operations training was discussed (possibly enhancing the maintenance of their fleet of alternative fuel service vehicles at SFO). There did not appear, however, to be firm management commitment to this effort, so it was not further pursued.

In parallel with that discussion, we also approach our PG&E contacts to discuss possible training needs related to the maintenance of their alternative fuel vehicle fleet. In light of training needs by several fleet operators around the SF Bay Area and the number of colleges offering and developing alternative fuel/ EV courses, this appeared to be a good IDRC topic.

After internal discussion on their part, however, they proposed a training program for their employees (and others) to support energy analyses and audits of commercial buildings. This is a particularly timely concept as the City of San Francisco has passed an ordinance that will require such audits by commercial building owners once every 5 years starting in 2012. The City estimates that 587 jobs will be created to meet the needs of the audit program just in San Francisco. Proposed legislation would implement a similar program statewide, with a proportional impact on employment demand. And earlier this year ASHRAE developed an exam to confirm knowledge of Building Energy Assessment Professionals.

We have found that a number of other entities are also interested should we pursue this grant proposal. These include the SF Department of Environment, SF Building Owners and Managers Association (BOMA) and the County of Sonoma. We are assessing if there is sufficient internal CCSF support for this effort that would require participation of at least two major departments.

## **Cerritos College**

July has been a productive month of building relationships and continued partnership growth. The latest relationship established is the UAW and LA Work Source Center. Discussions have begun to partner on program development and short-term training with the emphasis in entry-level technician for lube and tube in the City of Los Angeles. ATTE Cerritos and El Camino CACT along with a few other community colleges were awarded ETP AB118 grant late June. This will mean ATTE will provide alternative fuels training for our partners as well as other community colleges that do not have a program to provide such training to the industry. Official training is tentative to begin in September

## **College of the Desert**

MONTHLY HIGHLIGHT (Narrative, min 250 words, most important event to your Center this month)

During the month of July, through ATTE efforts, College of the Desert (COD) received a grant from the California Employment Development Department in the amount of \$600,000 for the period of June

30, 2011 to March 31, 2013. This funding is being made available under the Green Jobs Innovation Grants program. The purpose of COD's funding is to continue training established under the Clean Energy Workforce Training Program (CEWTP) and to work closely with local labor organizations to conduct training in a pre-apprenticeship fashion. In addition to the utility-scale solar energy training established through CEWTP funding, COD is considering adding residential solar and energy efficiency offerings. This training will have the goal of putting unemployed and underemployed people back to work. A portion of the training dollars will also be spent on incumbent worker training. This grant brings new resources to workforce development for the renewable energy industry and enhances ATTEi's ability to support the new companies developing large-scale energy projects across the state.

## **Cypress College/July 2011**

MONTHLY HIGHLIGHT (Narrative, min 250 words, most important event to your Center this month)

### **Leveraging of funding**

As California continues to have budget issues, the Cypress College ATTE Center continues to seek out alternative funding sources to assist in the delivery of advanced transportation technology and energy training programs. Recently, the ATTE Center received funding for a WIP grant in alternative fuels. The concept of the grant is to bring together a stream lined process of well trained technicians that will yield a continuous work force for the alternative fuels industry. To date, the projects within the WIP grant that the ATTE Center has incorporated include the enhancement of existing articulation agreements, a specialized recruitment component, the delivery of a marketing campaign aimed at young adults, and an outreach program for our local high and middle schools. At the middle school level, the counseling staff will provide young adults information regarding career pathways in "green" technology. Additionally, a Twitter account will be established to communicate with young adults regarding "green" educational programs. At the high school level, the counseling staff will articulate coursework, enroll students into the special admit program and begin to work with the local automobile dealerships in establishing a student mentorship program. Currently, the Center's counseling staff, professional experts and faculty have established a schedule to deliver the science academy component of the grant. The science academy will serve to hone student skills in green technology. While the science academy is in session, a series of professional development courses will also be scheduled for faculty.

The WIP grant has also cooperated with industry partnerships. These include Toyota, Orange County Automobile Dealership Association, and Sempra Energy. Our industry partnerships acknowledge the value added aspect that ATTE brings to the green transportation sector. In summary, the WIP grant promises to delivery high profile, maximum impact, and very focused alternative fuels projects in a short time. \_\_

## **LONG BEACH CITY COLLEGE**

MONTHLY HIGHLIGHT

### **LBCC Completes Advanced Hybrid Bus Training for SCRTTC**

Cal Macy completed the first Heavy Duty Hybrid class for SCR TTC in systems operation at Foothill Transit, who donated a training facility and two busses for use in class. This class is a new offering for SCR TTC based upon the ISE/New Flyer platform. ISE filed Chapter 11 bankruptcy leaving the transits without safety training on this high voltage system. A total of 21 techs showed up for a class scheduled for 18 and they were hungry for information. The software is unknown to most techs as ISE kept it proprietary so they were keenly interested in the electronic diagnosis provided during training. There was a lot of discussion regarding common issues and failures with input from the techs and examples out on the bus to go look at. This training will be used for SCR TTC to support the product on the road currently with a lot of discussion speculating who might produce the system now that the assets have been purchased

We are part of a Hybrid development grant with Skyline and Contra Costa colleges in which we are charged with Heavy Duty Hybrid training development. Based upon the information gathered during this training, we have a better picture of the role this system will play in California. This will help us define the products we create for this grant, which is being developed to lead California in Hybrid training. . Bringing elements of this training to Northern California is possible but with the limited utilization outside of Southern California, the entire program won't be needed beyond background training in High voltages.

## **ATTE Center – San Diego Miramar College**

### **JULY 2011 Monthly Report**

#### **MONTHLY HIGHLIGHT**

Through the assistance of the Statewide ATTE Director the ATTE Center Director at San Diego Miramar College is now a member of the El Camino High School Energy Advisory Board. El Camino High School is just beginning its energy program and the ATTE Center will be able to use its past work with the high school programs in the San Diego Unified School District to assist in developing new energy programs. In a similar fashion the ATTE Center is working to develop a partnership with Santana High School and its Energy Academy program. Both of these programs will also directly relate to the work the ATTE Center is participating in with the California Department of Education as a member of its Energy and Utilities Advisory group.

## **RIO HONDO COLLEGE**

#### **MONTHLY HIGHLIGHT**

Rio Hondo College ATTE Center hosted a 9-day, 54-hour Advanced Transportation Technology and Energy Systems Workshop for Middle School Students (7<sup>th</sup>/8<sup>th</sup> Grade). Approximately 30 young adults attended the seminars to learn about solar power, biofuels, and other related topics. The workshop was sponsored by an SB70 Grant, and started June 27, 2011 and concluded July 8, 2011.

## **West Valley College ATTE, July 2011**

#### **MONTHLY HIGHLIGHT (Narrative, min 250 words, most important event to your Center this month)**

The West Valley ATTE hosted a seminar at the 2011 InterSolar Conference in San Francisco. With around 20,000 visitors from nearly 80 countries and 834 solar exhibitors from 26 countries, the conference was a huge success, reinforcing Intersolar's position as the premier solar event for North America. The accompanying conference featured more than 1,600 attendees. The West Valley ATTE seminar "New Financing Strategies for Global Markets and U.S. Customers" attracted nearly 50 participants from around the world, including the Consul General of Switzerland, who graciously contacted the Intersolar officials to let them know that our session was the best he had attended at the conference, in terms of information and quality of speakers. Among the speakers we had Diana Jensen, OPIC; Rob Guthrie, EXIM Bank; Faheen Allibhoy, IFC; Eric Howarth, EGIA. The seminar was moderated by Ed Murray, CEO of Aztec Solar. The speakers provided a brief PowerPoint presentation about their respective organizations and moved on to open discussion with the attendees about what is needed to successfully fund solar projects around the world and in the U.S. We received very good feedback from the attendees, who were mostly upper management and business owners. The West Valley ATTE has been invited to host another seminar at the InterSolar Conference next year. Currently we are in the process of identifying the topic and the speakers. Through attendance at this conference we have developed new business partners, who in the short term may benefit our Energy Management and Solar PV Project Management students by participating in a job fair that the ATTE is holding at the end of August.