

Docket Optical System - Re: Comments - Clean Energy Partnership Academies

From: Bill Lehtonen <bill.lehtonen@gmail.com>
To: Docket Optical System <docket@energy.state.ca.us>
Date: 8/11/2011 11:41 AM
Subject: Re: Comments - Clean Energy Partnership Academies

Sorry, Docket No. 11-011-01
 Thank you

On Thu, Aug 11, 2011 at 11:24 AM, Docket Optical System <docket@energy.state.ca.us> wrote:

Please add a docket number to your comments.

Siting/Dockets Unit
 California Energy Commission
 1516 Ninth Street
 Sacramento, CA 95814-5512
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DOCKET

11-011-01

DATE AUG 11 2011

RECD. AUG 11 2011

>>> Bill Lehtonen <bill.lehtonen@gmail.com> 8/11/2011 11:22 AM >>>

Clean Energy Partnership Academy Guidelines

Overview and Comments submitted by IAPMO/Green Plumbers Training & Accreditation:

Contact: bill.lehtonen@greenplumberstraining.org (916) 560-3686

Green *Plumbers* training programs are designed to assist plumbers in understanding their role in relation to environmental & public health, and to provide their customers with up-to-date information and advice on:
 latest technology and energy saving appliances
 practical appliances & installation knowledge
 environmental impacts of plumbing services, appliances and household practices
 consumer information
 energy/water/cost savings (short-term and long-term cost comparisons and environmental benefits)

Recently acquired by The IAPMO Group, the goal of Green *Plumbers* Training and Accreditation is to train and deploy thousands of residential and commercial "green" plumbers to promote the benefits of water conservation and the reduction of GHG emissions. The focus is on changing consumer and plumbing behavior through the use of energy efficient and water-saving technologies. Green *Plumbers* works with the plumbing industry, building officials, utilities and water agencies to implement the Green *Plumbers* program. The training consists of a five-part accreditation in environmental and technical issues including Caring for our Water, Climate Care, Water Efficient Technology, Solar Hot Water and an Inspection Report Service.

Green *Plumbers* Training & Accreditation wishes to enter into a California Partnership Academy support network, on a statewide basis to further the educational needs of students and the California Department of Education in promoting SBX1 1, Clean Technology and Renewable Energy Academies.

Our participation would be to offer our current core 32 hour curriculum, described above as well as our 32 hour elective curriculum in energy intensive applications such as Commercial Hot Water, Cooling Tower Systems, Urban Irrigation and Principals in Pumps.

Water efficiency education is critical to many industries, and the Green *Plumbers* movement has spawned several new areas of training. In early August the first-ever Green Plumbing Inspector training took place in Los Angeles County, with 98 inspectors and other professionals taking part in the first of five classes leading to the green inspectors certificate.

Soon, Green *Plumbers* and the American Society of Plumbing Engineers (ASPE) will announce the creation of a Green Plumbing Engineers Certificate Program. Meanwhile, committees of subject matter experts are joining IAPMO/Green *Plumbers* in a collaborative effort for creation of a Certified Water Manager/Certified Water Auditor program. The audit portion of the program is built to be an entry-level position for all water-related industries. The new Certificate programs will be tied to the President's Better Buildings Initiative (BBI) and the High Performance Sustainable Buildings (HPSB) movement that both call for significant water efficiency mandates in the coming decade.

All of these new water efficiency educational initiatives, while geared primarily to drive water efficiency are also created to develop new career paths into the myriad of jobs that exist in the water industry. Our new association with IAPMO will lend strong assistance in this regard. IAPMO is a non-profit organization formed over 85 years ago and dedicated to the health and safety of the public by working in concert with government and industry to implement comprehensive plumbing and mechanical systems around the world. Environmental education is a major part of the IAPMO mission, including plumbing and mechanical codes and standards. Green Plumbers currently has many qualified CTE Instructors with availability to teach immediately. IAPMO Green Plumbers is further, uniquely positioned with major national partnerships within which to consider Mentorship, Internship and Apprenticeship programs:

The United Association of Plumbers & Pipefitters (UA), the recognized plumbing industry training

authority with more than 340,000 members in the United States and Canada, partners with

Green *Plumbers* in a common effort to provide the highest possible quality of green plumbing

Certifications. The UA has been instrumental in public high school regional occupation programs, and private construction/trades programs in mentoring.

The Plumbing, Cooling and Heating Contractors Association, the oldest construction trade association in America since 1883 is a national leader in education and training of the industry, and also in offering scholarships and career promotional activities. The PHCC has more than 4100 contractor members from open and union shops, who work in the residential, commercial, new construction, industrial, and service and repair segments. They too, spearhead public and private educational programs to keep pace with technological change.

The opportunity for real world experience extends to local businesses and contractors of these associations. Beyond coming along side of students, both national organizations offer further career and job training in high wage, high skill employment through Apprenticeship programs.

In relationship to Clean Energy Careers training, Green Plumbers meets the State of California Energy Commission policies and goals, with a curriculum that is broad based, and aligns with a minimum of 4 of the 7 CTE standard areas.

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