

Thursday Clinic Schedule

Thursday, February 25, 2010

Clinics

9:00 a.m. – 11:00 a.m.

How Did the Construction Proceed on Your PPA Project? Case Studies from Multiple Districts (SC)

John Cimino, Milpitas USD

You've heard from all the vendors about how great your solar project will be. Some go well, others not so much. Hear from only school district representatives – no vendors, no architects, no attorneys - how some construction projects under power purchase agreements actually went. This clinic will be an engaging discussion about real PPA case studies from your colleagues. Not to be missed.

American Canyon High School – The Programming, Design and Construction of a Green 21st Century High School (HP)

Mark Quattrocchi, Quattrocchi / Kwok Architects

American Canyon High School is a new 2,200-student high school being constructed at the southern end of the Napa Valley. This school is the first CHPS Verified project and won a 2008 C.A.S.H./AIACC Merit Award for Project in Design. The panel will discuss the innovative educational program, the unique and sustainable design and how the project has been constructed through a Lease-Leaseback contract. The design for the school includes many green features such as efficient lighting, extensive daylighting, numerous water-saving features and a ground source heat pump mechanical system.

American Canyon High School also includes a 1 megawatt solar panel array which was financed through a program run by the non-profit National Development Council (NDC). The NDC financing program is a type of Power

Purchase Agreement that delivers more of the benefits of solar power to the district, including access to Federal tax credits, typically unavailable to public schools. With the NDC program, the district has payments fixed below 2009 energy costs, it owns the system after 5 years and maintains ownership of the Renewable Energy Credits. The campus is projected to use less than half of the energy and water of a typical high school.

Trends Today – Reality Tomorrow: Going from Surviving to Thriving and Changing History in the Process (P&PM)

June Lindsey, Ruhnau Ruhnau Clarke

Trends are the creative answers to tough challenges. In the case of educational trends today, a common theme is how to do more with less and still deliver an excellent educational/academic program. Join us in collaborative brainstorming sessions where we will discuss today's top trends taking shape nationally, as well as those globally affecting educational facilities. You, as experts, have faced many similar challenges and have the answers to help create solutions.

Inspiring Students through Interactive Learning Environments – Bringing Technology to the Students, Not Just the Classroom!!! (SA)

Kevin MacQuarrie, WLC Architects Inc.

When six-year-olds start first grade, it is likely they have already been using computers for several years. Middle and high school students use less technology in schools than in their personal lives. How do we integrate technology into the built environment to prepare students for the world of tomorrow? Technology in school design generally brings to mind "how do we wire for the future". We must go well beyond this limiting mind set by incorporating technology into educational curriculum and translating the developed programs into the educational and facility specifications of modernized and new

educational buildings. This interactive clinic will concentrate on the issues of reaching today's generation of students through the use of the latest technologies in education delivered at all grade levels, while addressing real issues such as budgets and equipment obsolescence.

Facilities Accounting 101 (FM)

Lettie Boggs, Colbi Technologies Inc.

This clinic covers a wide range of topics: Internal controls, managing the project record, multi-fund accounting, knowing your numbers and passing the new OPSC audit. Elements of good internal controls and how they work to safeguard everyone while improving the process will be covered. In addition, proven strategies and typical systems will be discussed for managing the project record and meeting the new OPSC audit challenge, as well as the means by which a district can manage the multi-fund aspect of project accounting and the pros and cons of each approach.