

Faculty

Commercial Solar Peaker Batteries

John-Ross Cromer is a master electrician with a Mechanical Engineering degree from the University of Pennsylvania, and he is a NABCEP-certified PV installer. Mr. Cromer is the author of *Solar Power Design and Development: An Introduction to Rooftop Solar*. He brings ten years of solar project experience including residential, commercial, and small utility-scale projects to his work, including an off-grid, residential-sized home.

Proposal and Technical Writing

Dr. Mark Decker is professor of English and acting department chair at Bloomsburg University in Bloomsburg Pennsylvania, where he teaches Technical Writing and Writing Technical Manuals in support of the Professional Writing minor. Dr. Decker has PhD and M.A. degrees in English from The Pennsylvania State University (2001, 1997), and he graduated *summa cum laude* in English from Utah State University (1995). After graduate school, Dr. Decker spent four years teaching Technical Writing at the University of Wisconsin-Stout. Dr. Decker has given presentations at several national and international conferences and has published several scholarly articles, book chapters, encyclopedia chapters, and a co-edited book.

Fiber-Reinforced Composites

Elias A. Toubia, Ph.D., P.E. is an assistant professor with the University of Dayton's School of Engineering where he teaches classes in mechanics, civil engineering materials, design of concrete structures, masonry design, design of timber structures and structural dynamics. His research interests include innovative structural design systems, composite materials and experimental testing, behavior of reinforced concrete and masonry structures. Dr. Toubia is a member of the American Society of Engineering Education, the American Concrete Institute, and The Masonry Society. Dr. Toubia holds a US patent and an outstanding paper award from the *Masonry Society Journal*. Dr. Toubia has extensive experience in designing complex structures and several publications in structures and materials featured in major peer-reviewed journals.

Pumping and Piping Systems

George Walters III, PE, CPD is a mechanical engineer at BMH Engineering LLC and is certified in plumbing design through the American Society of Plumbing Engineers. His responsibilities overlap into the professional engineering areas of civil engineering, mechanical engineering, chemical engineering, fire protection engineering, and process engineering. He performs calculations, sizes equipment, and prepares plumbing design and construction documents. Mr. Walters is a member of the Atlanta Chapter of the American Society of Plumbing Engineers (ASPE). He earned his B.S. degree in Mechanical Engineering from Georgia Tech.

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January Webinar Series

- Commercial Solar Peaker Batteries
- Proposal Writing
- Fiber-Reinforced Composites
- Technical Writing
- Pumping and Piping Systems



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January Webinar Series

Commercial Solar Peaker Batteries

Wednesday, January 9, 2109 and Thursday, January 10, 2019

Proposal Writing

Friday, January 11, 2019

Technical Writing

Monday, January 14, 2019 and Tuesday, January 15, 2019

Fiber-Reinforced Composites

Thursday, January 17, 2019 and Friday, January 18, 2019

Pumping and Piping Systems

Thursday, January 24, 2019 and Friday, January 25, 2019

January Webinar Series



Commercial Solar Peaker Batteries

Engineers: 7.0 PDHs Architects: 7.0 HSW CE Hours AIA: 7.0 HSW LUs

Proposal Writing

Engineers: 4.0 PDHs Architects: 4.0 CE Hours AIA: 4.0 LUs

Technical Writing

Engineers: 8.0 PDHs Architects: 8.0 CE Hours AIA: 8.0 LUs

Fiber-Reinforced Composites

Engineers: 8.0 PDHs Architects: 8.0 HSW CE Hours AIA: 8.0 HSW LUs

Pumping and Piping Systems

Engineers: 6.0 PDHs

Each webinar in these series earns continuing education credit. The credit hours shown above are for all webinars in each series. See inside for credits available for individual webinars.

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Commercial Solar Peaker Batteries

Series Tuition: ~~-\$350~~ **\$300** when you register both webinars

Total Credits: Engineers: 7.0 PDHs **Architects:** 7.0 HSW CE Hours **AIA:** 7.0 HSW LUs

Commercial Solar Peaker Batteries, Part I

Wednesday, January 9, 2019, 11:00 AM - 3:15 PM CST (incl. 15 min. break) **Tuition:** \$200

Credits: Engineers: 4.0 PDHs Architects: 4.0 HSW CE Hours AIA: 4.0 HSW LUs

Commercial Solar Peaker Batteries, Part II

Thursday, January 10, 2019, 11:00 AM - 2:15 PM CST (incl. 15 min. break) **Tuition:** \$150

Credits: Engineers: 3.0 PDHs Architects: 3.0 HSW CE Hours AIA: 3.0 HSW LUs

Proposal Writing

Friday, January 11, 2019, 11:00 AM - 3:30 PM CDT (with 30 min. break) **Tuition:** \$200

Credits: Engineers: 4.0 PDHs Architects: 4.0 CE Hours AIA: 4.0 LUs

Architects: Please note, the Proposal Writing webinar does not offer HSW hours.

Technical Writing

Series Tuition: ~~-\$400~~ **\$350** when you register for all four webinars

Total Credits: Engineers: 8.0 PDHs **Architects:** 8.0 CE Hours **AIA:** 8.0 LUs

Technical Writing Basics

Monday, January 14, 2019, 11:00 AM - 1:00 PM CST **Tuition:** \$100

Credits: Engineers: 2.0 PDHs Architects: 2.0 CE Hours AIA: 2.0 LUs

Planning Documents

Monday, January 14, 2019, 1:30 - 3:30 PM CST **Tuition:** \$100

Credits: Engineers: 2.0 PDHs Architects: 2.0 CE Hours AIA: 2.0 LUs

Writing Documents

Tuesday, January 15, 2019, 11:00 AM - 1:00 PM CST **Tuition:** \$100

Credits: Engineers: 2.0 PDHs Architects: 2.0 CE Hours AIA: 2.0 LUs

Revising and Editing Documents

Tuesday, January 15, 2019, 1:30 - 3:30 PM CST **Tuition:** \$100

Credits: Engineers: 2.0 PDHs Architects: 2.0 CE Hours AIA: 2.0 LUs

Fiber-Reinforced Composites

Series Tuition: ~~-\$400~~ **\$350** when you register for all four webinars

Total Credits: Engineers: 8.0 PDHs **Architects:** 8.0 HSW CE Hours **AIA:** 8.0 HSW LUs

Portland Cement and Masonry

Thursday, January 17, 2019, 11:00 AM - 1:00 PM CST **Tuition:** \$100

Credits: Engineers: 2.0 PDHs Architects: 2.0 HSW CE Hours AIA: 2.0 HSW LUs

Fiber-Reinforced Composites

Thursday, January 17, 2019, 1:30 - 3:30 PM CST **Tuition:** \$100

Credits: Engineers: 2.0 PDHs Architects: 2.0 HSW CE Hours AIA: 2.0 HSW LUs

Fiber-Reinforced Polymer (FRP) Composites Reinforcement

Friday, January 18, 2019, 11:00 AM - 1:00 PM CST **Tuition:** \$100

Credits: Engineers: 2.0 PDHs Architects: 2.0 HSW CE Hours AIA: 2.0 HSW LUs

Overview of Sandwich Materials and Structures

Friday, January 18, 2019, 1:30 - 3:30 PM CST **Tuition:** \$100

Credits: Engineers: 2.0 PDHs Architects: 2.0 HSW CE Hours AIA: 2.0 HSW LUs

Pumping and Piping Systems

Series Tuition: ~~-\$300~~ **\$250** when you register for all four webinars

Total Credits: Engineers: 6.0 PDHs

Introduction to Pumps: Operation, Principles and Calculations

Thursday, January 24, 2019, 12:00 - 2:00 PM CST **Tuition:** \$100

Credits: Engineers: 2.0 PDHs

Design Standards and Codes

Thursday, January 24, 2019, 2:30 - 3:30 PM CST **Tuition:** \$50

Credits: Engineers: 1.0 PDH

Piping System Components, Materials and Calculations

Friday, January 25, 2019, 12:00 - 2:00 PM CST **Tuition:** \$100

Credits: Engineers: 2.0 PDHs

Handling Pump and Piping System Problems

Friday, January 25, 2019, 2:30 - 3:30 PM CST **Tuition:** \$50

Credits: Engineers: 1.0 PDH

Continuing Education Credit Information

These live, interactive webinars are designed to qualify for continuing education credit for professional engineers and architects in most states, except for Florida architects. Please see each webinar listing for the number of available continuing education credits. Course participants need to be aware of any licensing restrictions on online learning to fulfill their continuing education requirements. The contents of the Proposal Writing webinar and the Technical Writing webinars are not considered HSW for architects. Architects need to be aware of continuing education licensing restrictions on non-HSW coursework.

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Participation and knowledge retention will be verified for these webinar events. Certificates of completion will be provided upon successful completion of the quiz at the end of each webinar, and earned LUs will be reported to the AIA/CES.

Webinar Instructions

Each webinar session earns continuing education credit and can be registered for individually. All attendees must log-on through their own email – attendees may not watch together if they wish to earn continuing education credit. HalfMoon Education Inc. must be able to prove attendance if either the attendee or HalfMoon Education Inc. is audited.

Certificates of completion will be provided for each webinar attended and will be sent via email in PDF form about five business days after the conclusion of the series.

Webinars are presented via **GoToWebinar**, an easy-to-use application that can be run on most systems and tablets. Instructions and login information will be provided in an email sent close to the date of the webinar. **It is highly recommended that you download, install and test the application before the webinar begins by clicking on the link in the email.**

GoToWebinar system requirements:

GoToWebinar App requirements:

Windows 7 - 10 or Mac OSX 10.9 (Mavericks) - 10.13 (High Sierra)

Web Browser:

The two most recent version of the following browsers:
Google Chrome, Mozilla Firefox, Apple Safari, Microsoft Edge

Internet Explorer v11 (or later) with Flash enabled

Internet connection: Minimum of 1Mbps **Hardware:** 2GB RAM or more

For more information visit the Support section at www.gotowebinar.com.

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