

# Agenda

Presented by *Tim Montague, M.S.*

## Introduction - Defining Community Solar (CS)

- What is community solar and why it is an important part of the energy landscape
- How do CS economics work?
- Who benefits from CS, who are the various stakeholders and how does each type of stakeholder benefit?
- What are the advantages of community solar projects to consumers, states, grid operators and industry?
- Policy considerations

## Community Solar Ownership/Subscription Models

- CS provider (non-utility)
- Community-owned
- Utility-owned

## Economics, Energy Modeling and Return on Investment

- Overview of project economics and stakeholders
- Cost to develop, own and operate (CS Provider)
  - Cost/Benefit/ROI
- Financial benefits to consumers (ownership vs. subscriber models)
- Utility-owned: the life of a CS asset, cost/benefit/ROI

## Siting, Utility Interconnection, and Construction Best Practices

- The ABCs of siting solar ground mount projects
  - Location, location, location
- Utility Interconnection: the good, the bad and the ugly
- Anatomy of a solar array: commercial, residential and utility scale
- Construction best practices:
  - Equipment, landscaping, maintenance considerations
- Pollinator friendly/Agrivoltaics opportunities

## Permitting, Promotion and Community Engagement

- Overview of the permitting process – AHJs, ordinances, best practices
- Civil/environmental: endangered species, stormwater runoff, setbacks, screening
- Public relations: working with public officials and the public
- Recruiting buyers/subscribers/off-takers

## Workshop: Community Solar Case Studies

- Examples from key markets: MN, MA, NY, MA, NJ, NY, IL
- Success stories
- Challenges and opportunities

### Can't Attend?

#### Order the Webinar as a Self-Study Package!

Recordings of this webinar are available for purchase. See registration panel for more information and please refer to specific state licensing rules or certification requirements to determine if this learning method is eligible for continuing education credit.

## Community Solar Project Workshop

Live, Interactive Webinar - Thursday, June 3, 2021

NON-PROFIT  
U.S. POSTAGE PAID  
EAU CLAIRE, WI  
PERMIT NO. 2016

HalfMoon Education Inc.  
PO Box 278  
Altoona, WI 54720-0278



## Learning Objectives

### You'll be able to:

**Identify** the benefits of community solar to all stakeholders.

**Examine** community solar ownership and subscription models.

**Discuss** economic considerations, including comparing costs to benefits, and calculating return on investment.

**Evaluate** potential sites for community solar, and analyze equipment and interconnection considerations.

**Participate** in the permitting process, and get tips on promoting economic and environmental benefits to government officials and the public.

**Review** case studies of actual community solar projects in several states.



## HalfMoon Education Online Learning

# Community Solar Project Workshop

Live, Interactive Webinar - Thursday, June 3, 2021



**Discuss** the importance of community solar to the energy landscape

**Describe** community solar ownership, including non-utility, community owned and utility owned

**Examine** the cost to develop, own and operate community solar

**Explore** equipment, landscaping, and maintenance considerations of community solar

**Learn** about permitting, promotion and community engagement for community solar

**Study** actual community solar case studies

## Continuing Education Credits

**Professional Engineers**  
7.0 PDHs

**Architects**  
7.0 HSW CE Hours

**AIA**  
7.0 LU | HSW

**International Code Council**  
.7 CEUs (Energy)

**Certified Planners – AICP**  
CM | 7



# Faculty



**Tim Montague, M.S.**, is a solar PV expert, NABCEP PV Technical Sales certified solar professional and host of two podcasts: the *Solar Podcast* and the *Clean Power Hour* with co-host John Weaver. Mr. Montague is a business development executive for Continental Energy Solutions in Chicago and has been involved with over 40 megawatts of solar projects in the Midwest including portfolios of community solar (3 MW DC), and many commercial, industrial, government, nonprofit and campus clients. Continental has built the two largest rooftop solar projects in the Midwest (Magid Glove and IKEA Joliet) and portfolios of Target and Walmart stores. Mr. Montague is passionate for the energy transition, and he spreads the news and best practices, technology and thought leadership via his two podcasts which you can see at [www.CESnrg.com/podcast](http://www.CESnrg.com/podcast). The podcasts cover topics like pollinator-friendly solar, agrivoltaics, low-carbon solar panel manufacturing and much more. Mr. Montague works with commercial clients to help them achieve their energy conservation and sustainability goals through solar and battery storage solutions. He works with solar developers to help them bring profitable projects to the light of day. Mr. Montague holds a master of science degree in Botany from the University of Wisconsin-Madison and a bachelor's degree in Ecology, Evolution and Behavior from the University of California at San Diego (UCSD). He is a passionate trail runner, off-grid camping enthusiast and lover of animals including his two cats Cayenne and Ginger. He has strong ties to Scandinavia where his two sons live and study in Norway. His motto is "Let's grow solar!"

# Webinar Information

Log into Webinar 8:00 - 8:30 am CDT	Break 12:15 - 12:45 pm CDT
Morning Session 8:30 am - 12:15 pm CDT	Afternoon Session 12:45 - 4:30 pm CDT

### Tuition

**\$289** for individual registration  
**\$199** for three or more registrants from the same company at the same time.  
**Included with your registration:** PDF seminar manual.

### How to Register

- Visit us online at [www.halfmoonseminars.org](http://www.halfmoonseminars.org)
- Mail-in or fax the attached form to 715-835-6066
- Call customer service at 715-835-5900

Webinars are presented via GoToWebinar. Instructions and login information will be provided in an email sent close to the date of the webinar. For more information, please visit our FAQ section of our website, or visit [www.gotowebinar.com](http://www.gotowebinar.com).

**Cancellations:** Cancel at least 48 hours before the start of the webinar, and receive a full tuition refund, minus a \$39 service charge for each registrant. Cancellations within 48 hours will receive a credit toward another webinar or the self-study package. You may also authorize another person to take your place.

### Can't Attend? Order the Webinar as a Self-Study Package!

Recordings of this webinar are available for purchase. See registration panel for more information and please refer to specific state licensing rules or certification requirements to determine if this learning method is eligible for continuing education credit.

# Additional Learning

### Handling Ethical Issues in Government Projects

- Fri, April 30, 2021 | 12:00 - 1:00 pm CDT

### Soil Mechanics, Slope Stabilization, Failures and Repairs

- Tues, May 4, 2021 | 8:30 am - 4:30 pm CDT

### How to Identify Soil Types

- Fri, May 7, 2021 | 10:00 am - 12:00 pm CDT

### Controlling Coastal Erosion and Creating Living Shorelines

- Tues, May 11, 2021 | 11:00 am - 2:15 pm CDT  
 - Wed, May 12, 2021 | 11:00 am - 2:15 pm CDT

### Handling Ethical Issues in Engineering Practice

- Tues, May 11, 2021 | 1:00 - 2:00 pm CDT

### Special Inspections under the IBC Chapter 17

- Thurs, May 13, 2021 | 11:00 am - 2:15 pm CDT  
 - Fri, May 14, 2021 | 11:00 am - 3:15 pm CDT

### Water Conservation and Reuse for Building Professionals

- Thurs, May 13, 2021 | 11:00 am - 3:00 pm CDT  
 - Fri, May 14, 2021 | 11:00 am - 3:00 pm CDT

### The Arborist Short Course: Advanced Tree Knowledge for Better Tree Care

- Fri, May 14, 2021 | 9:00 am - 4:30 pm CDT

### Design Principles of the 2018 International Building Code

- Wed, May 19, 2021 | 8:00 am - 3:20 pm CDT

### Sustainable Site Design

- Wed, May 19, 2021 | 8:30 am - 3:50 pm CDT

### Septic System Design, Construction and Maintenance

- Thurs, May 20, 2021 | 9:30 am - 4:30 pm CDT

### Managing Construction Projects

- Fri, May 21, 2021 | 8:30 am - 4:30 pm CDT

For more information and other online learning opportunities visit: [www.halfmoonseminars.org](http://www.halfmoonseminars.org)

### Continuing Education Credit Information

This webinar offers 7.0 PDHs to professional engineers and 7.0 HSW continuing education hours to architects licensed in all states.

HalfMoon Education is an approved continuing education sponsor for engineers in Florida (Provider No. 0004647), Indiana (License No. CE21700059), Maryland, New Jersey (Approval No. 24GP00000700), and North Carolina (S-0130). HalfMoon Education is deemed an approved continuing education sponsor for New York engineers and architects via its registration with the American Institute of Architects Continuing Education System (Regulations of the Commissioner §68.14(i)(2) and §69.6(i)(2)). Other states do not preapprove continuing education providers or courses.

This course is approved for CM | 7 with the American Planning Association for certified planners (Course No. 9213846).

The American Institute of Architects Continuing Education System has approved this webinar for 7.0 LU | HSW (Sponsor No. J885). Only full attendance is reportable to the AIA/CES.

The International Code Council has approved this course for .7 CEUs in the specialty area of Energy (Preferred Provider No. 1232).

Completion certificates will be awarded to participants who complete this event, respond to all prompts, and earn a passing score (80%) on the quiz that follows the presentation (multiple attempts allowed).

# Registration

## Community Solar Project Workshop

Live, Interactive Webinar - Thursday, June 3, 2021

How to Register		Registrant Information
<b>Online:</b> <a href="http://www.halfmoonseminars.org">www.halfmoonseminars.org</a>		Name: _____ Company/Firm: _____ Address: _____ City: _____ State: _____ Zip: _____ Occupation: _____ Email: _____ Phone: _____
<b>Phone:</b> 715-835-5900		<b>Additional Registrants:</b> Name: _____ Occupation: _____ Email: _____ Phone: _____ Name: _____ Occupation: _____ Email: _____ Phone: _____
<b>Fax:</b> 715-835-6066	<b>Code:</b>	
<b>Mail:</b> HalfMoon Education Inc., PO Box 278, Altoona, WI 54720-0278		
<b>Complete the entire form.</b> Attach duplicates if necessary.		Email address is required for credit card receipt, program changes, and notification of upcoming seminars and products. Your email will not be sold or transferred.
( )  I need special accommodations. Please contact me.		

### Tuition

( ) **I will be attending the live webinar.** Single Registrant - **\$289.00**. Three or more registrants from the same company registering at the same time - **\$199.00** each.

( ) **I am not attending.** Please send me the webinar recording:  
 Streamable MP4 Video/PDF Manual for **\$299.00**.  
 USB Video/PDF Manual for **\$299.00**.

**Checks:** Make payable to HalfMoon Education Inc.  
**Credit Card:** *Mastercard, Visa, American Express, or Discover*

Credit Card Number: \_\_\_\_\_  
 Expiration Date: \_\_\_\_\_ CV2 Code: \_\_\_\_\_  
 Cardholder Name: \_\_\_\_\_  
 Billing Address: \_\_\_\_\_  
 City: \_\_\_\_\_ State: \_\_\_\_\_ Zip: \_\_\_\_\_  
 Signature: \_\_\_\_\_  
 Email: \_\_\_\_\_