

# 2021 Virtual Illinois Clean Energy Foundation

## Solar Workshop

Workshop presented in partnership with The NEED Project

Mark your calendar and register today!

### DATE AND LOCATION

Saturday, October 30, 2021

Zoom link will be provided



### WHO SHOULD ATTEND?

- Install school educators
- 4<sup>th</sup> – 12<sup>th</sup> Grade Science Teachers
- CTE Teachers
- Math Teachers

### FOR THE ATTENDEES:

- Stipend
- NEED Solar Kit
- ISBE credit
- Illinois state aligned curriculum.

### HOW CAN YOU ATTEND?

Click and complete your registration!

<https://needorg.secure.force.com/event/home/icecfsolar103021>

**QUESTIONS?** Contact Wendi Moss at [wmos@need.org](mailto:wmos@need.org) or call 1-800-875-5029

### ABOUT THE SPONSOR ILLINOIS CLEAN ENERGY COMMUNITY FOUNDATION

The Illinois Clean Energy Community Foundation launched its K-12 Solar Schools Program in 2006, and its K-12 Wind Schools Pilot in 2011 to introduce the future of energy technology to today's students. To date, the Foundation's programs have awarded grants to over 400 schools across Illinois to support the installation of small-scale solar PV and wind systems.

Although small, each system will become part of the school's curriculum as well as generate free electricity. More information and monitoring can be found at [www.IllinoisSolarSchools.org](http://www.IllinoisSolarSchools.org)



### ABOUT THE NEED PROJECT

The NEED Project designs and delivers teacher-tested educational materials, evaluation techniques and tools, recognition of student achievement, and professional development for educators. NEED materials and training programs provide comprehensive, objective information about the scientific concepts of energy and the sources of energy – their use and their impact on the environment, the economy and society.



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Solar Workshop  
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AGENDA**

Before workshop: Pre-test

- 8:45 a.m. Teachers begin to log in**
- 9:00 a.m. Introductions, Zoom Norms, and Today's workshop goals**
- 9:15 a.m. Renewable Energy Mentimeter**
- 9:30 a.m. Science of Energy**  
Teachers will learn about energy transformations.
- 10:30 a.m. Quick Break**
- 10:40 a.m. Electric Connections**
- 11:10 a.m. Introduction to Solar Energy**  
Teachers will learn about solar energy, its limitations, and its benefits
- 11:30 a.m. Lunch & wellness break**
- 12:00 p.m. Solar Energy Activity Breakout**
- 1:00 p.m. Solar PV Exploration**
- 1:30 p.m. Schools Going Solar**  
Teachers will learn how to use solar system data in their classrooms
- 2:00 p.m. Wrap-up**
- 2:30 p.m. Adjourn**

**Special thanks to our sponsor**

**Illinois Clean Energy Community Foundation**