

**Museum Institute for Teaching Science (MITS, Inc.)**  
1354 Hancock St., Ste. 302  
Quincy, MA 02169  
www.mits.org

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# LIGHTING THE WAY WITH WIND AND SOLAR: PATHWAYS TO A SUSTAINABLE ENERGY FUTURE

**A Professional Learning Experience for Middle and High School Educators**

**Friday and Saturday, October 26th and 27th, 2018**

- **Engage in inquiry-based, hands-on, minds-on learning** about energy sources, climate change, and sustainable systems
- **Engineer your own solutions** to energy needs with solar and wind technologies
- **Adapt your curriculum** to meet MA Science and Engineering/Technology Standards
- **Acquire tools** to inspire passion for science in your students
- **Gain confidence** in understanding and teaching climate change science
- **Take a kit back to school** with ready-to-use equipment for your classroom



# LIGHTING THE WAY WITH WIND AND SOLAR: PATHWAYS TO A SUSTAINABLE ENERGY FUTURE

Connect with scientists and educators from the Museum Institute for Teaching Science and Mass Audubon, gain an understanding of the power of inquiry-based learning to inspire a passion for science in students, and come away *energized!*

## Hands-on, Minds-on Learning:

During this two-day professional development workshop, experiment with renewable energy technologies to understand how they can be used to produce sustainable electricity and reduce human impacts on the climate. Engage in hands-on, minds-on activities as you build a solar-powered fountain, design the best blades to catch the wind, and compete to fill an electrical grid with the most effective energy sources. Discover first-hand how wind turbines and solar panels generate power, and why communities are relying increasingly on these systems to meet their energy needs.



## Practical Tools to Meet MA Standards:

*Lighting the Way with Wind and Solar* will integrate science content with the Science and Engineering Practices. Find out more about how energy, climate change, and sustainable solutions connect to the 2016 MA Science and Technology/Engineering standards. Walk away with inquiry-based activities and a kit of equipment you can use to get started with your own students.



**Dates:** Friday and Saturday, October 26th & 27th, 2018

**Time:** 8:30 am – 3:30 pm

**Location:** Mass Audubon's Arcadia Wildlife Sanctuary  
(127 Combs Rd, Easthampton, MA 01027)

**Fee:** \$125 (includes lunch and kit of materials)

**13 PDPs are available for this workshop.**

**Registration Deadline:** Friday, October 19th, 2018

**To register, visit [www.mits.org](http://www.mits.org). For more information, contact:**

Linda McIntosh, Director of Education, Museum Institute for Teaching Science  
1354 Hancock St., Ste. 302, Quincy, MA 02169, 617-328-1515, [lmcintosh@mits.org](mailto:lmcintosh@mits.org)