



2017 MFSI / SMCC Fall Program
Photovoltaic Safety for Firefighters
October 3 – 5, 2017
*An operations-oriented approach to
PV Systems & Firefighter safety*

Maine Fire Service Institute welcomes Matt Paiss of Energy Response Solutions (Soquel CA) to Maine for three days of photovoltaic safety training. These sessions will take place at various locations and include both day and evening training opportunities.

Photovoltaic Safety for Firefighters – Presentation Summary

Generating electricity from the use of rooftop solar modules is gaining the attention of many including the fire service, and with good reason. With up to 1000 vdc involved in these systems, it is vital that firefighters understand what is above them, what can hurt you, and how to stay safe. With these 3-6 hour workshops*, students will walk away with a solid understanding of the principals of solar electricity generation, confidence in how to safely fight fires in PV equipped structures, as well as some hands-on time with an actual commercial, or prop-mounted PV system. * 6-hour workshops include additional response logistic discussions for solar sites in Maine.

Fire Captain Matthew Paiss, is the President of Energy Response Solutions, Inc. as well as a career firefighter with 21 years' experience, and a proud member of San Jose Fire Fighters Local 230. He serves as the International Association of Fire Fighters (IAFF) primary representative to NFPA 70 (NEC), NFPA 855 (Energy Storage Systems), and UL Standards Technical Panels 1703 & 1741. He has contributed to the IFC & NFPA 1 Fire Code sections on PV, and has delivered PV Safety training to over 7000 firefighters nationwide including the FDIC and the National Fire Academy. He has presented in Europe on Fire Safety and PV design, and has degrees in both Solar Energy Technology and Fire Science.

Energy Response Solutions provides
Electrical Safety Education, Consultation Services, and Safety Codes & Standards
Development for the Fire Service Community. www.energyresponsesolutions.com



2017 Maine Fire Service Institute

**TO ENSURE TIMELY CERTIFICATES OF ATTENDANCE
PLEASE REGISTER BY SEPTEMBER 22, 2017.**

FULL PAYMENT IS DUE ALONG WITH YOUR REGISTRATION!
Incomplete registrations will not be processed - Pre-registration is required.
\$25.00 fee per attendee

MAIL REGISTRATIONS WITH PAYMENT TO:
ATTN: Solar Electric Fire Safety
Maine Fire Service Institute
19 Sewall Street
Brunswick, Maine 04011

**PRE REGISTRATION IS REQUIRED FOR THIS PROGRAM
NO WALK- IN REGISTRATIONS ALLOWED, SORRY.**

ONLY **ORIGINAL PURCHASE ORDERS** OR CHECKS
will be accepted for payment.
MAKE CHECKS OR PO PAYABLE TO MFSI/SMCC.

If you have any questions regarding this program, please contact:
207.210.1196 jgraves@smccME.edu

REGISTRATION FORM / *Please register by Sept 22nd, 2017*

NAME: _____
FIRE DEPT.: _____
PARTICIPANT'S ADDRESS: _____
CITY/TOWN: ZIP CODE: _____
BEST PHONE NUMBER: _____
EMAIL: _____

PLEASE CHOOSE Your Location of Attendance

- Tuesday, Oct 3rd, 9am- 3pm, Cabela's Conference Center, Scarborough \$25
- Tuesday, Oct 3rd, 6-9pm, Maine Fire Service Institute, Brunswick \$25
- Wednesday, Oct 4th, 6-9pm, Farmington Fire Department \$25
- Thursday, Oct 5th, 9am-3pm, Poland Fire Department \$25
- Thursday, Oct 5th, 6-9pm, Gorham Fire Department \$25

These workshops are sponsored in part by Maine Fire Services Institute,
a Department of Southern Maine Community College



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