## RESPONDING TO FIRES INVOLVING **SOLAR PANELS & ELECTRIC VEHICLES**

Saturday, April 27

Sunday, April 28 MFSI HQ, 19 Sewall St.

Brunswick

EMCC, Rangeley Hall, Rm 105/107 Bangor



Training Schedule 0730 - Arrival & Check-In

0800 - EV Emergency Response (NFPA)

1200 - Lunch Provided

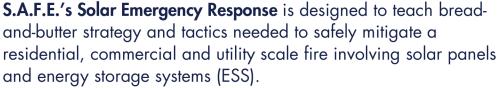
1300 - Solar Emergency Response (S.A.F.E)

1600 - Dismissal



NFPA's EV Emergency Response includes the first five modules from the Electric Vehicle Safety Training course.

- · Overview and history of alternative fuel vehicles
- Basic electrical concepts and hazards
- P/HEV & EV systems and safety features
- Initial responses
- P/HEV & EV emergency operations



- Residential solar and battery storage equipment fundamentals
- Industry-standard installation procedures
- Suppression and ventilation tactics
- How to design an incident action plan to safely respond to these technologies









# RESPONDING TO FIRES INVOLVING SOLAR PANELS & ELECTRIC VEHICLES

FIRE

Two Options:
Select Date on
Registration Form
Cost: \$25

Saturday, April 27, 2024 Maine Fire Service Institute 19 Sewall St. Brunswick, ME Time: 0730 - 1600hrs Sunday, April 28, 2023 EMCC, Rangeley Hall Room 105/107 Time: 0730 - 1600hrs







Captain Richard Birt retired from Las Vegas Fire and Rescue in 2021 after a distinguished 30-year career in the fire service. A longtime advocate of renewable energy, Captain Richard Birt founded Solar And Fire Education (S.A.F.E.) which provides free training to firefighters across the world.

#### Captain Richard Birt, S.A.F.E

The mission of his S.A.F.E. program is to train firefighters and first responders how to safely mitigate a structure fire involving PV and ESS and teach how renewable energy can help communities across the world become more resilient to power outages caused by grid failures from natural disasters. Captain Birt and his family lived in a home for 14 years that was not connected to the electrical grid and was powered by a PV and ESS that Richard designed and installed himself.



Scan the QR Code for complete instructor bios and class registration information. mfsi.me.edu/upcoming-events

#### Ronald Butler, NFPA

Ronald Butler is an esteemed professional in the realm of energy storage safety, bringing over two decades of dedicated experience from his tenure as a Fire Officer at the Detroit Fire Department to his impactful roles as CEO of ESSPI and Senior Partner at LithFire-X. With a master's degree in human and organizational performance Improvement from Wayne State University, Ronald has been at the forefront of addressing the critical safety concerns associated with lithium battery technologies and alternative power sources. His work, recognized for pioneering safety training, emergency response planning, and innovative extinguishing system designs, has significantly advanced the safety protocols for handling and storing hazardous materials. His contributions have not only led to the development of safer energy storage and transport protocols but have also earned him patents for his groundbreaking fire suppression systems, underscoring his status as a knowledgeable and skilled expert in his field.

Participants will be equipped with the skills and understanding necessary to navigate the complex safety challenges of today's energy storage solutions, making Ronald's instruction an investment in the highest standards of safety and operational excellence.



### SMCC/MFSI Registration Form

SMCC ID#	TODAY'S DATE	<u> </u>		
LAST NAME	FIRST		MIDDLE	
BIRTH/OTHER NAME	E-MAIL			
CELL PHONE	HOME PHONE			
MAILING ADDRESS				
CITY	STATE	ZIP		
COUNTY	SOCIAL SECUR	RITY # (last 4 digits)		
GENDER* FEMALE MALE	MINOR RELEASE	FORM REQUIRED FOR STUDENTS		
ETHNIC GROUP* (CHOOSE ONE)	IISPANIC/LATINO	NOT HISPANIC	/LATINO	
RACE* AMERICAN INDIAN OR AL (CHOOSE ALL THAT APPLY) BLACK OR AFRICAN AMER NATIVE HAWAIIAN OR OT	RICAN	ASIAN WHITE ER		
*OPTIONAL – THIS INFORMATION IS USED FOR REPORTIN	IG PURPOSES ONLY			
YOUR REASON FOR ENROLLING D TRANSFER TO ANOTHER C		TE PERSONAL EN FOR EMPLOYMENT		
I HAVE BEEN A RESIDENT OF MAINE SINCE	MONTH/YEAR	(for non-educ	ational purposes)	
ARE YOU A U.S. CITIZEN? YES NO	O PROOF OF MAINE/US RESI	DENCY REQUIRED TO QUALIFY FO	OR IN-STATE TUITION	
DO YOU HAVE A HIGH SCHOOL DIPLOMA	OR GED? YES [	NO		
REGISTRATION YEAR	TERM FALL	SPRING	SUMMER	
SELECT TRAINING:				
April 27, 2024  Maine Fire Service Institute  19 Sewall Street, Brunswick	EM	April 28, 2024 EMCC, Rangeley Hall, rm 105/107 268 Sylvan Rd, Bangor		

**STUDENT SIGNATURE** 

Southern Maine Community College is an equal-opportunity institution and employer. If you have a disability and wish to request accommodations, please contact the Director of Disability Services, Heather Jackson, at 207-741-5923 or via email at hjackson@smccme.edu. Appointments are available by Zoom and in person on both the Brunswick and South Portland campuses. Walk-in appointments are welcome. Documentation of your disability is required, but please do not let the absence of documentation prevent you from seeking accommodation.



#### **Program Billing Procedure**

In the past, MFSI has collected payment for programs and courses at the time of registration. However, in an effort to avoid delays in departments/individuals/agencies receiving their reimbursement funds for canceled programs, we will not be collecting payment for any program until after it has begun.

Please use this form to provide information about the intended payment method (whether it will be an individual or a fire department/other agency) so that MFSI can invoice the payer after the program's start date. We ask that you write legibly or type your responses.

Your application will not be considered complete without this form filled out in its entirety.

Payment method*: Purchase order from fire	Personal check			
Purchase order number (if applicable):				
Payer (name/department name):				
Candidate's name (if different from payer):				
Course name:	Course location:			
Payer's address for receipt of invoice:				
Email address or phone number of payer (not candidate):				

Please submit this form, and all other registration materials, to Anne Heinig at aheinig@smccme.edu or mail to MFSI, ATTN: Anne Heinig, 19 Sewall Street, Brunswick, ME 04011.

If you have any billing questions, please contact Nancy Russell at nrussell@smccme.edu or 207-844-2071.

\*Please note that MFSI cannot accept cash or credit card payments.

