

NTI – Outside Group

Ann Arbor, MI


Wesley L. Wheeler
National Director of Safety



OSHA Strategic Partnership



 Occupational Safety & Health Administration www.OSHA.gov	 Edison Electric Institute www.eei.org	 IBEW Brotherhood of Electrical Workers www.IBEW.org	 National Electrical Contractors Association www.NECA.net	 Aldridge Electric, Inc. www.aldridgegroup.com	 Asplundh Tree Expert, LLC www.asplundh.com
 Doris H. Eilat Company, Inc. www.doriseilat.com	 Henkels & McCoy Group, Inc. www.henkelsgroup.com	 The Goldfield Corporation www.goldfieldcorp.com	 MasTec, Inc. www.masotec.com	 MDU Construction Services Group, Inc. www.mductg.com	
 Michels Corporation www.michels.us	 MYR Group, Inc. www.myrgroup.com	 Pike Electric, LLC www.pike.com	 PLH Group, Inc. www.plhgroupinc.com	 Quanta Services, Inc. www.quantaservices.com	



Origin and Structure

THE STRATEGIC PARTNERSHIP

- Electrical line workers construct and maintain the national energy infrastructure that delivers electricity to our homes and businesses. These men and women are highly skilled workers who work in hazardous environments each day to ensure reliable and safe electricity service to all Americans.



Annual Fall Prevention Stand Down

- Held on May 6-10, 2019
- Employers planned a safety talk or other safety activity.
- Sponsored breaks to talk about how to prevent falls.
- Provided training for all workers.

www.osha.gov/StopFallsStandDown




NATIONAL SAFETY STAND-DOWN
TO PREVENT FALLS IN CONSTRUCTION
MAY 6-10, 2019

Stop Falls Stand-Down

- Plan a toolbox talk or other safety activity
- Take a break to talk about how to prevent falls
- Provide training for all workers

For more information:
www.osha.gov/StopFallsStandDown
#StandDown4Safety • (800) 321-OSHA (6742)

Logos: OSHA, CDC, NIOSH, Safety Pays, Fall Safe


Executive & Steering Committees

- Committee is comprised of the CEOs of member companies or designees & designee of associations
- Steering Committee is comprised of the top safety person at each member company or organization
- With this support, the rank and file has a *Safety Net* to communicate effectively
- *(don't forget the Task Teams – they can analyze and identify barriers, etc.)*



General Partnership Goals

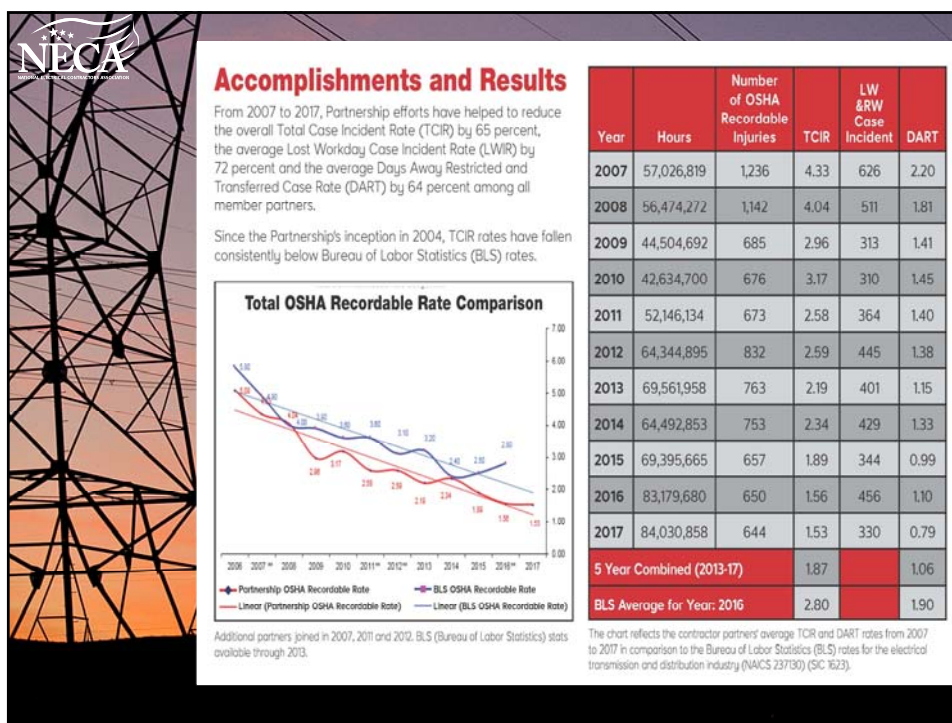
- Identify training criteria for workers
 - Supervisors
 - Linemen
 - Apprentices
- Includes training to promote industry cultural change placing value on safety and health (*"focus groups"*)
- Develop effective methods of implementation



Task Team Data

- Original Task Team One is now Task Team Data. It is responsible for collecting data and evaluating trends for Partnership intervention in developing materials and programs to assist Partnership members and the industry.


	2018
Strains/Sprains	144
Struck By	123
Cuts/Punctures	99
Fall	90
Caught Between	75
Insect/Reptile/Plant	28
Heat/Cold Stress	22
Electric Contact	18
Motor Vehicle	18
Arc Flash	17
Misc/Other	11
Total Incidents	645
Hours	92,938,987



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Task Team Training/Best Practices

- Original Task Teams Two and Three were combined to manage training and best practices for the Partnership.
- Continuing mission is to develop standardized training that can be used by the industry to help deliver a consistent message
- Partnership developed an Industry Specific OSHA 10hr program commonly referred to as the OSHA ET&D 10hr Program
- Partnership developed and is updating the Industry Leadership course designed to provide Safety Leadership training to frontline supervisors commonly referred to as the OSHA ET&D 20hr program



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Task Team Training/Best Practices

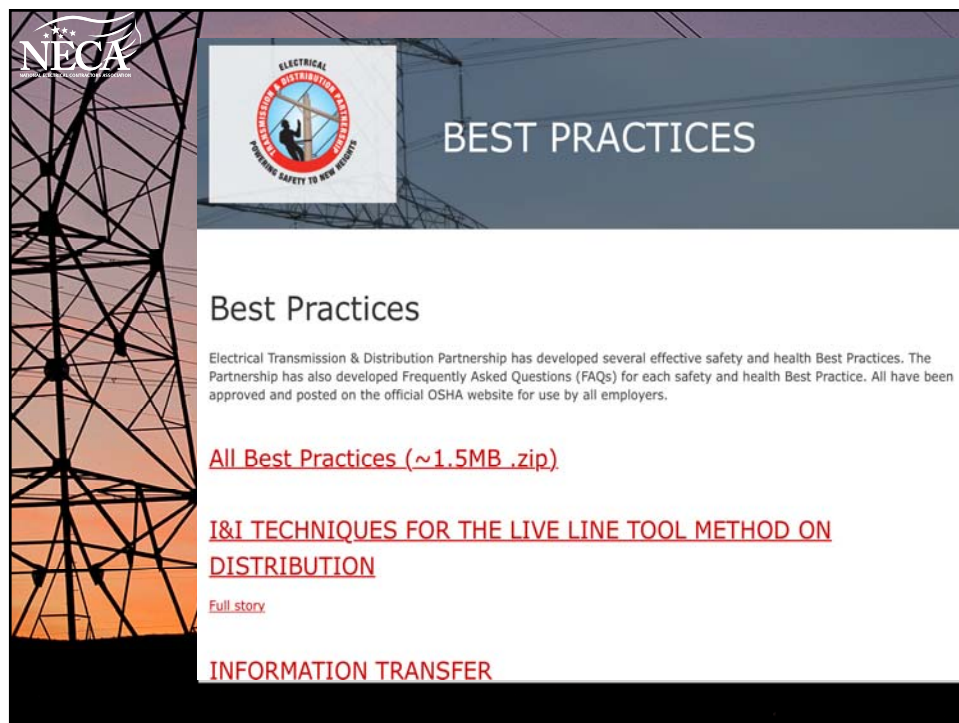
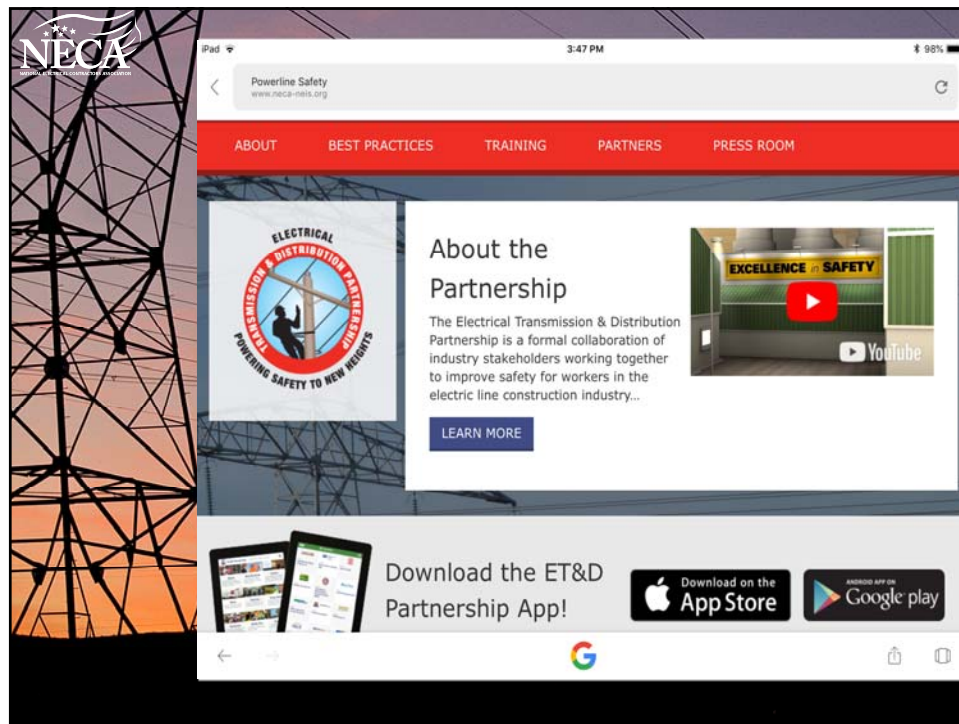
- To achieve the Partnership's goals of reducing injuries, illnesses and fatalities, and to raise safety awareness throughout the ET&D industry, the partners developed Best Practices.
- A Best Practice is a process or method that can be applied throughout the electrical industry that will assist the Partnership companies in reducing the frequency of incidents.

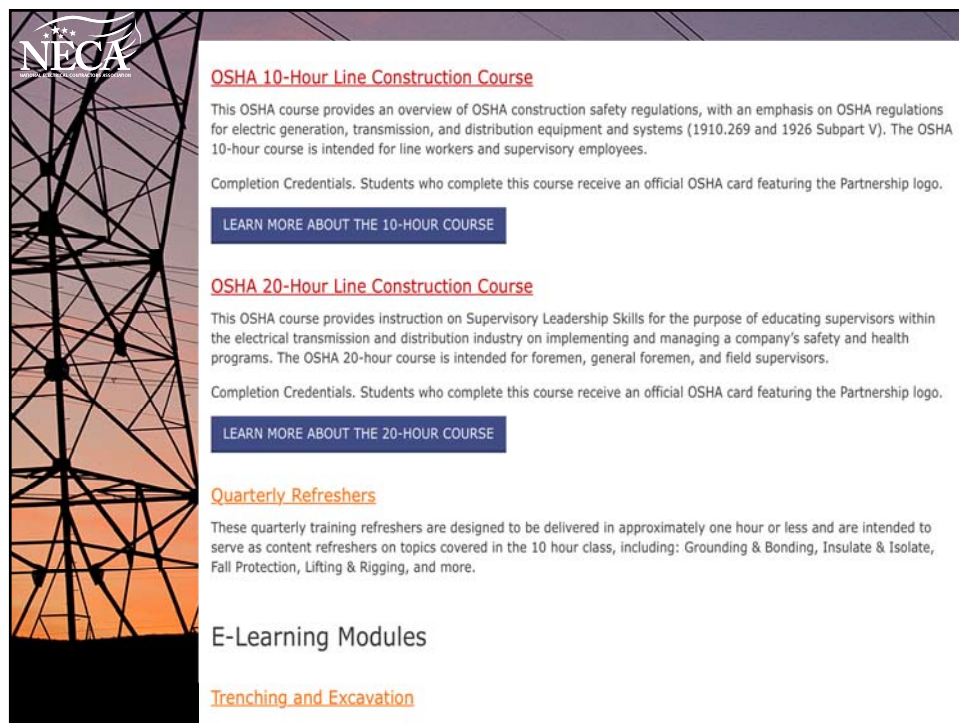
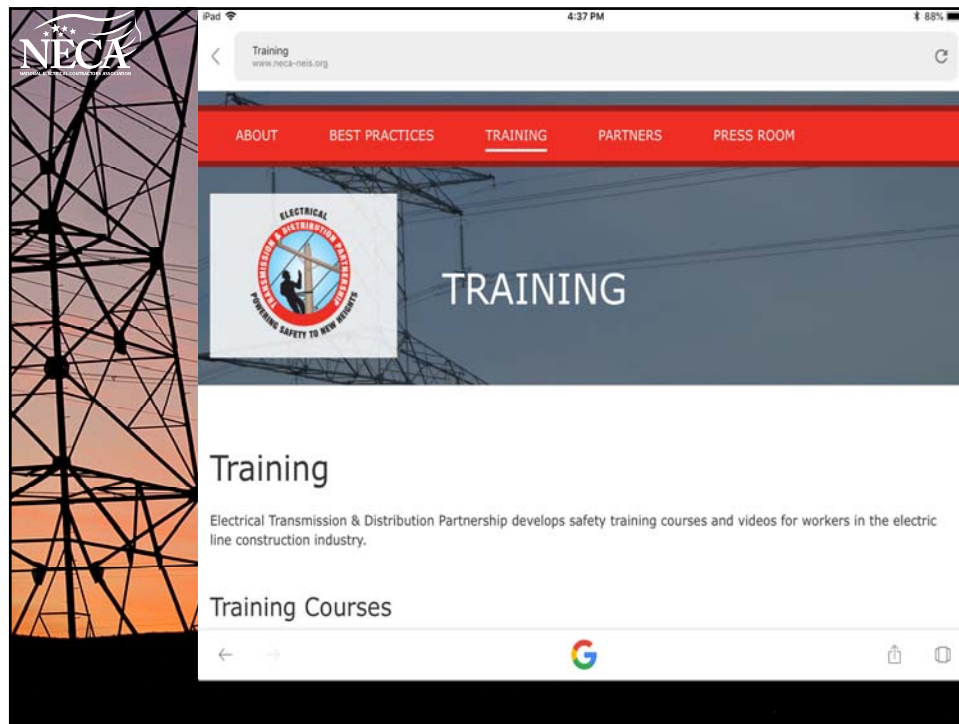



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Task Team Communications

- Task Team Communications was developed to help communicate the activities of the Partnership both internally and externally
- Responsible for development of Industrywide Stand-down materials
- Has the responsibility for development and operation of the ET&D website
- Is responsible for the OSP ET&D App for the Partnership and sending out push-notifications.







OSHA ET&D 10-hour and 20-hour Train-the-Trainer


**OSHA ET&D 10-hour and 20-hour Training Announced
Sept. 16-20, 2019 in The Woodlands, TX**

The OSHA Partnership is hosting another ET&D 10-hour and 20-hour Train-the-Trainer course Sept. 16-20, 2019 at The Woodlands Resort and Conference Center in The Woodlands, Texas.

- 10-hour Train-the-Trainer class will be held Sept. 16-17, 2019
- 20-hour Train-the-Trainer class will be held Sept. 18-20, 2019

Registration will be available at the end of June.

For more information, please contact:
Josh Ballard
Davis H. Elliot Company, Inc. (Elliot)
jballard@dhec.com
Office: (859) 263-5148, ext. 1155




2019 Continuing Education

- Q1 – 2019
"Line Of Fire"
- Q2 – 2019
"Slips, Trips and Falls"
- Q3 – 2019
"Cuts and Punctures"
- Q4 – 2019
"Equipment Spotter Safety"

HOME ABOUT BEST PRACTICES **TRAINING** PARTNERS

PRESS ROOM



QUARTERLY
REFRESHERS

Q2 2019

- [Slips Trips Falls Q2-2019](#)
PPTX, 10.98 MB
- [Slips Trips Falls Q2-2019:1](#)
PPTX, 1.34 MB
- [Slips Trips Falls Q2-2019:2](#)
PPTX, 4.81 MB
- [Slips Trips Falls Q2-2019:3](#)
PPTX, 5.23 MB
- [Presenter Guide Q2-2019](#)
DOCX, 100.24 MB
- [Presenter Guide Q2-2019](#)
PDF, 8.14 MB
- [Mounting](#)
PDF, 481.13 KB
- [SST Prevention CA](#)
PDF, 319.60 KB
- [3-point contact, vehicles, and equipment](#)
PDF, 124.26 KB

Line of Fire Continuing Education

First Quarter 2019



PARTNERSHIP



Objectives

Upon completion of this continuing education module you should be able to:

- ☑ Define Line of Fire injury and hazard types
- ☑ Describe how to identify hazards associated with Line of Fire
- ☑ Describe how to eliminate Line of Fire hazards whenever possible
- ☑ Describe how to identify and control Line of Fire hazards
- ☑ Describe ways to use effective methods to minimize Line of Fire hazards

What is the “Line-of-Fire”?

A simple definition

“Being in Harm’s Way”

Line of fire injuries can occur when the path of a moving object intersects with an individual’s body




Slips, Trips, and Falls

Continuing Education
Second Quarter 2019



PARTNERSHIP

Session One



Desired Outcomes

Upon completion of this continuing education module, you should be able to:

- ✓ Identify the key worker locations where slip, trip, and fall events are likely to occur
- ✓ Explain factors associated with slip, trip, and fall injuries
- ✓ Discuss common causes of slip, trip, and fall events
- ✓ Identify preventative measures
- ✓ Discuss behavioral risk factors that can contribute to slip, trip, and fall events



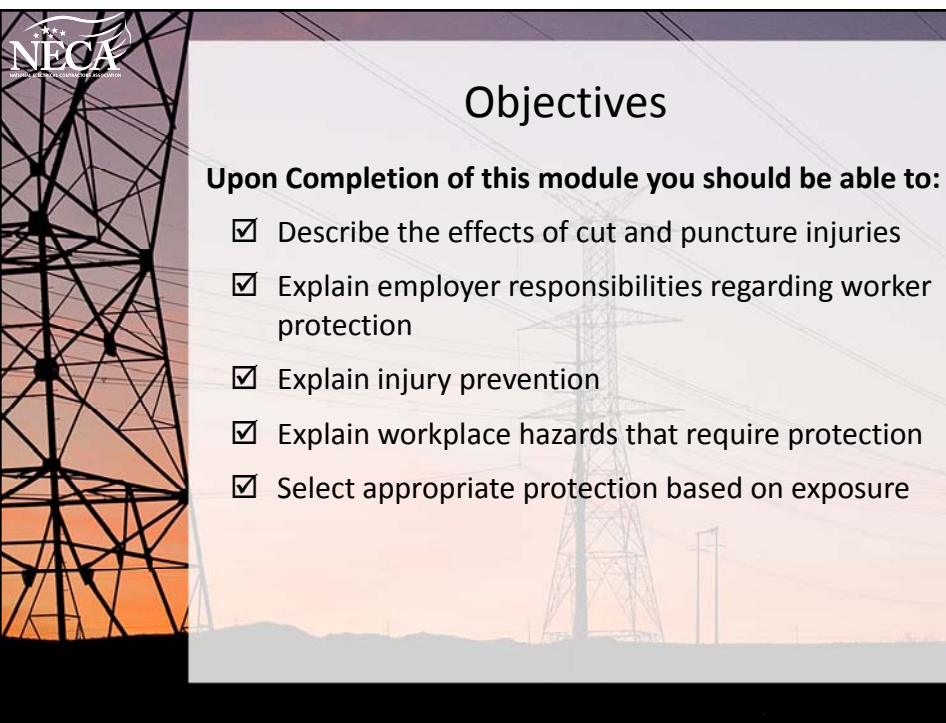
Cuts and Punctures

Continuing Education

Third Quarter 2019



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Objectives

Upon Completion of this module you should be able to:

- ☒ Describe the effects of cut and puncture injuries
- ☒ Explain employer responsibilities regarding worker protection
- ☒ Explain injury prevention
- ☒ Explain workplace hazards that require protection
- ☒ Select appropriate protection based on exposure



Facts

OSHA Statistics

- ✓ In 2015 143,000 hand injuries
- ✓ Employers are providing hand protection
- ✓ Many injured workers were not wearing the protection
- ✓ 70% of injured workers were not wearing gloves




Equipment Spotter Safety Continuing Education

Fourth Quarter 2019



PARTNERSHIP




Objectives

- Upon completion of this continuing education module you should be able to:
 - ☑ Define Spotter
 - ☑ Understand “WHY” spotters are necessary
 - ☑ See examples of equipment danger zones
 - ☑ Discuss the Spotters Responsibilities
 - ☑ Provide examples of common spotter hand signals



Quarterly Refreshers

- Q4 2018 – Hand Protection
- Q3 2018 – Drivers Safety
- Q2 2018 – Work Zone Protection
- Q1 2018 – Insulate and Isolate Cover Up
- Q4 2017 – Confined and Enclosed Space
- Q3 2017 – Trenching and Excavations
- Q2 2017 – Personal Protective Equipment (PPE)
- Q1 2017 – Pre-Job Briefings
- Q4 2016 – Lifting and Rigging
- Q3 2016 – Fall Protection
- Q2 2016 – Insulate and Isolate
- Q1 2016 – Grounding and Bonding



EICA Update

- EICA ran into an issue last week where the Practical Exam Spec sheet would not work for a stationary control digger derrick that has a center mount boom.
- When at the controls doing task 7 (pole set) you could not see the barrel. I am proposing to make another modified spec sheet for this machine that mimics modified #2 spec sheet for the start of task 3 and end of task 7.
- This would make the start point for task #3 (chain in barrel) and end point for pole set identical (just like the modified #2.)



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Rotating Control Telescopic Boom Crane Type Rear Center Mount (Also Digger Derricks)

Distances to Intersecting Points
(Refer to the layout drawing at right for points listed)

- "A" Goalpost = 8'-6" from "E" along MP line
- "B" Goalpost = 5' from "A" & 3' from "C"
- "C" is 4'-6" from "E" along MP line
- "D" Goalpost = 5' from "A" & 3' from "C"
- "E" Goalpost = 25' from CR along MP line

Note: Task 3 start point is a traffic cone or barrel
Task 7 - Pole Barrel is not used during "crane" exam.

Note: When the outrigger spread is between 22' & 24', the outriggers may interfere with the test stands in Task 4. Using mid-length outriggers for machines that have the chart and capacity will alleviate the interference. Have the candidate setup the machine with mid-length outriggers when appropriate.

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ET&D Partnership APP

APP

Download on the App Store



GET IT ON Google play



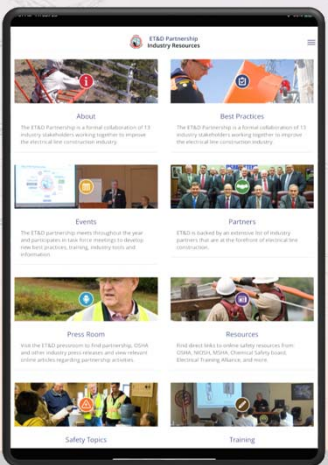
9 Categories Include:

- About the Partnership
- Best Practices
- Events
- News
- Partners
- Press Room
- Resources
- Safety Topics
- Training



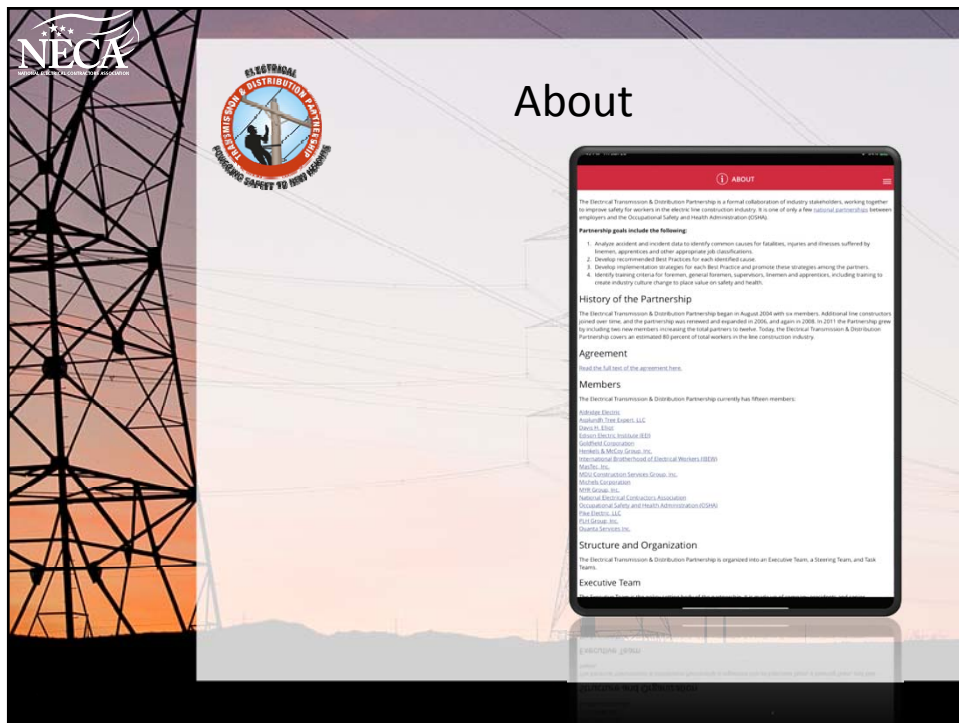
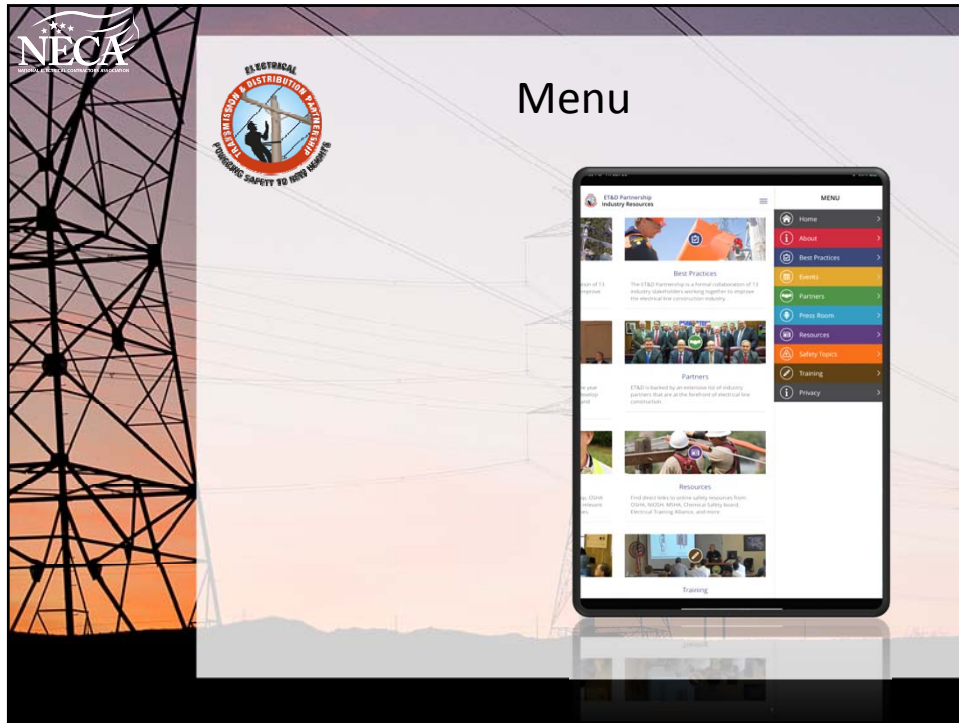



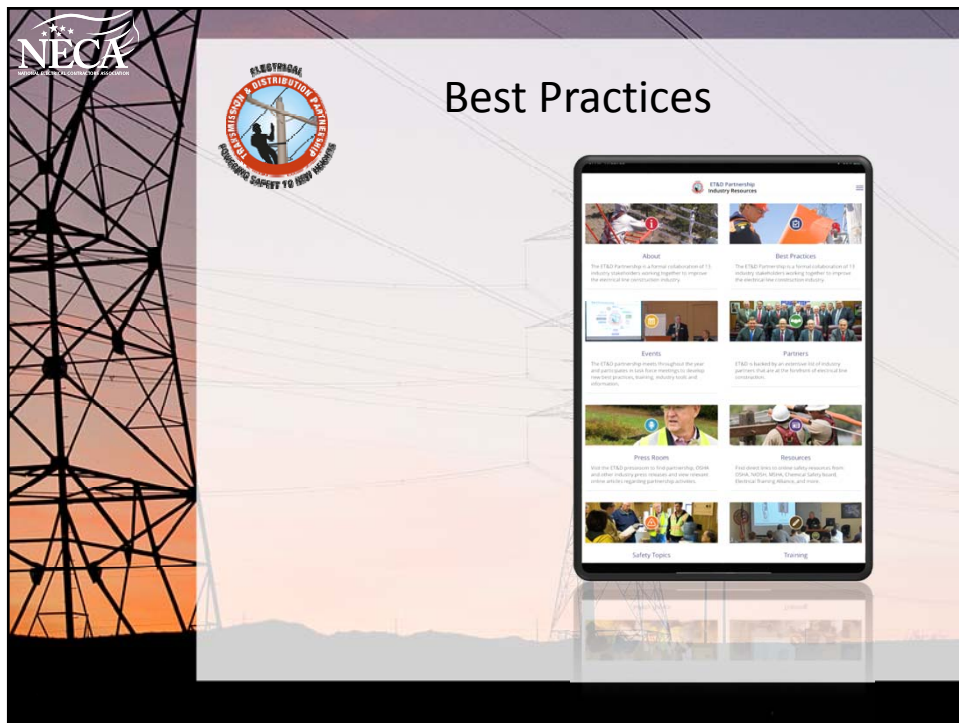
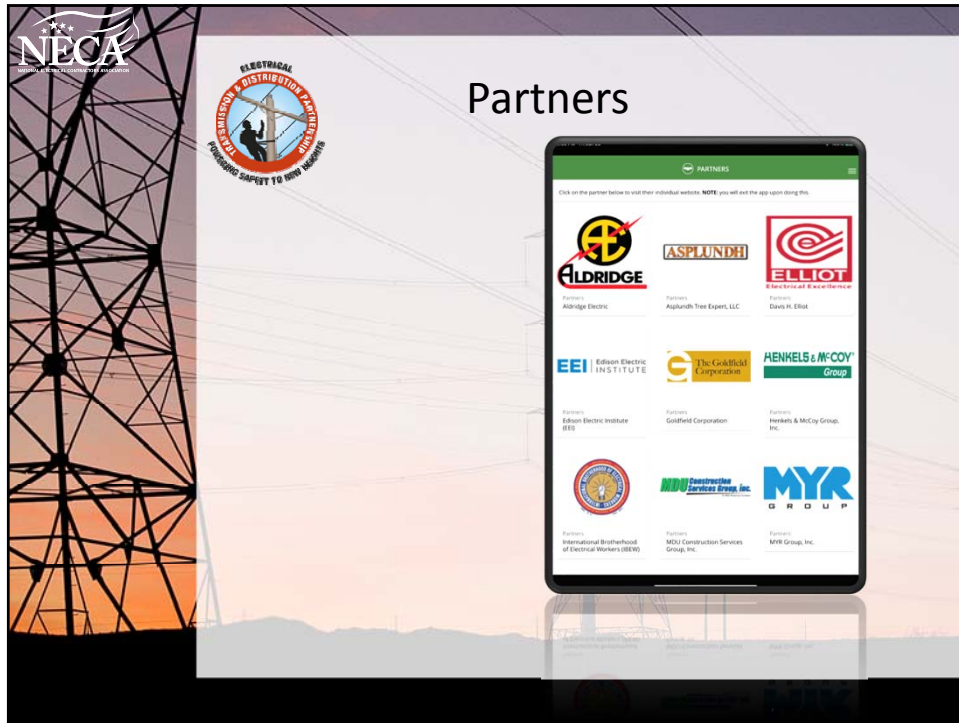
Home

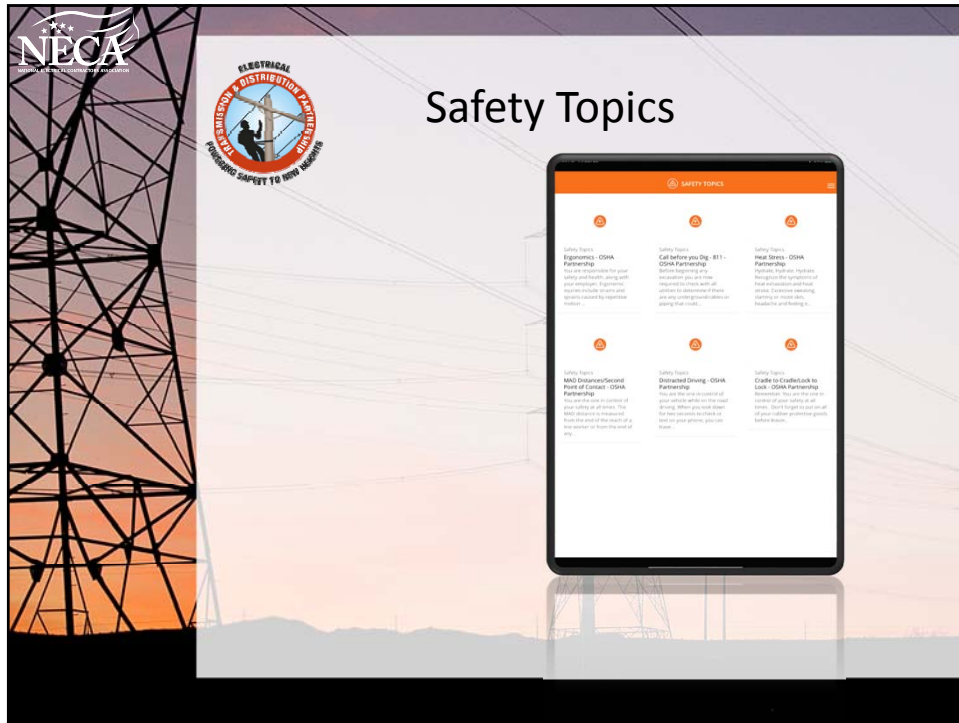


The E180 Partnership Industry Resources website is displayed on a smartphone. The website features a grid of links to various resources, including:

- About:** The E180 Partnership is a formal collaboration of 13 industry stakeholders working together to improve the electrical line construction industry.
- Best Practices:** The E180 Partnership is a formal collaboration of 13 industry stakeholders working together to improve the electrical line construction industry.
- Events:** The E180 partnership meets throughout the year and participates in face-to-face meetings to develop new best practices, sharing, industry news and information.
- Partners:** E180 is backed by an extensive list of industry partners that are at the forefront of electrical line construction.
- Press Room:** Use the E180 pressroom to help promote E180, E180 and other industry press releases and also request media articles regarding partnership activities.
- Resources:** E180 has a wealth of resources from OSHA, NIOSH, MSHA, Chemical Safety Hazards, Electrical Training Alliance, and more.
- Safety Topics:**
- Training:**










NECA Safety Professionals Conference

- 2020 NSPC Theme is Safety Leadership
- Educational Tracks
 - NECA Safety Systems
 - Inside Electrical Construction
 - ***Outside Electrical (Utility) Construction***
 - Safety Management Risk
 - Safety Management Regulations

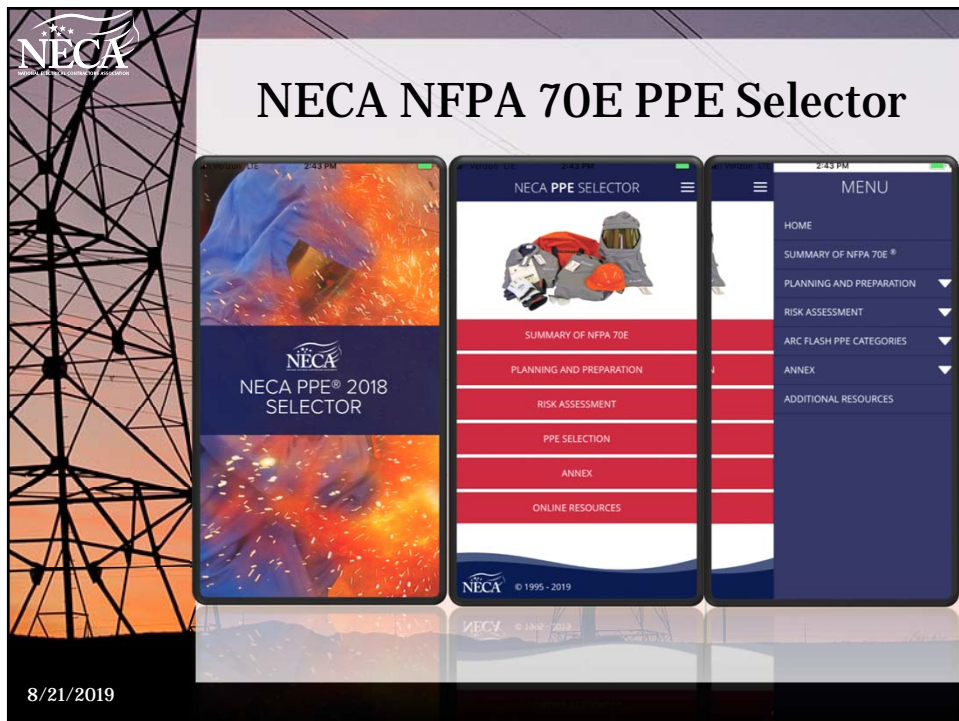


NECA Safety APPs

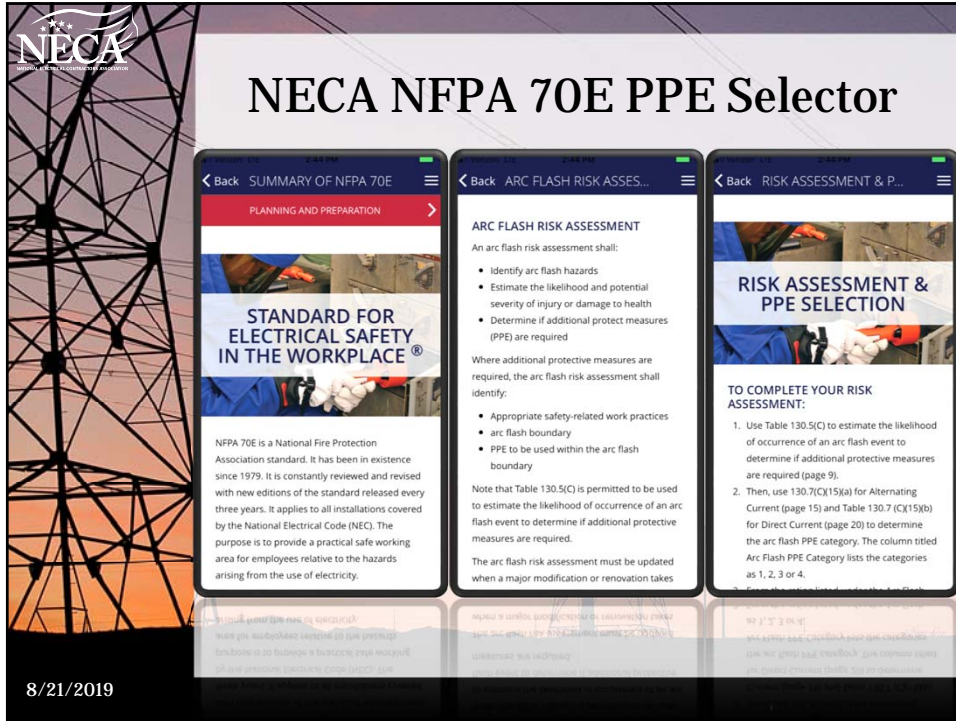
- The NECA Safety Meeting APP
<https://www.necanet.org/neca-safety-meeting-app>
- NECA's PPE Selector APP
- Other NECA APPs
 - NECA News
 - NECA Advocacy
 - NECA Book
 - EC Magazine



The image shows two smartphone screens. The left screen displays the 'NECA Safety Meeting App' interface with buttons for Meetings, Incidents, Job Briefings & Checklists, NECA Resources, and Settings. The right screen displays the 'NFPA 70E® PERSONAL PROTECTIVE EQUIPMENT (PPE) SELECTOR' app, which features a person wearing safety gear and the NECA logo.



8/21/2019



NECA NFPA 70E PPE Selector

8/21/2019


The image displays three screenshots of the NECA NFPA 70E PPE Selector app. The first screenshot shows the 'SUMMARY OF NFPA 70E' screen with a 'PLANNING AND PREPARATION' button. The second screenshot shows the 'ARC FLASH RISK ASSESSMENT' screen, detailing the steps for an arc flash risk assessment and the required PPE. The third screenshot shows the 'RISK ASSESSMENT & PPE SELECTION' screen, providing instructions on how to complete the risk assessment using specific tables from the NFPA 70E standard.




NECA Safety Videos

- NECA Safety Orientation Video for the Electrical Industry
- NECA Job Briefing Safety Video
- NECA Lockout/Tagout Safety Video


The image shows a presentation slide titled 'NECA Safety Videos'. It lists three videos: 'NECA Safety Orientation Video for the Electrical Industry', 'NECA Job Briefing Safety Video', and 'NECA Lockout/Tagout Safety Video'. Below the list are two small images: one showing a group of electrical workers in safety gear, and another showing a close-up of a lockout/tagout procedure on an electrical panel.



Job Briefing Guide and Video



[NECA_Job Task Briefing-HD \(5\).mp4](#)



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