Initial External Resource Field Coordinator and Crew Guide Training for Electric Response

Rev. January 2026

Course Agenda

Module 1:

- **Eversource External Mutual Aid Safety Briefing User Guide**

Module 2:

- **External Resource Field Coordinator and Crew Guide Training**

Module 1

Eversource External Mutual Aid Safety Briefing User Guide

Eversource External Mutual Aid Safety Onboarding Guide

EP-ALL-UG-1000N SAF 2
Revision 8

EVERSOURCE

Agenda

- Safety Message
- OSHA Host Employer
- Eversource On-Boarding Process
  - COC vs. Non COC
- Field Resources
- Closing

Summary

- OSHA's final rules for Transmission, Distribution, and Generation (1910.269, General Industry & 1926 Subpart V, Construction) include new or revised provisions on **host employers and contractors**.

- The new provisions on **host employers and contractors include requirements for host employers and contract employers to exchange information on known hazards and on the existing conditions, characteristics, design, and operation of the host employer's installation**.

OSHA's Host Employer Guidelines

Objective

- This policy provides instructions that pertain to establishing and maintaining a safe working environment for contract employees working on the Eversource operating system. The Host Employer Information Transfer Policy is designed to meet the requirements set forth in 29 CFR 1910.269 and 29 CFR Part 1926, Subpart V.

- **Storm restoration →** Internal Storm Safety Sharepoint

  External Facing Website

OSHA's Host Employer Guidelines

Definitions

- Host Employer - Employer that operates, or that controls the operating procedures for, an electric power generation, transmission, or distribution installation on which a contract employer is performing work covered by the standard.

  *Note that the host employer need not be the entity that hired the contract employer.

- Contract Employer - Employer, other than a host employer, that performs work covered by the standard under contract.

- Existing Characteristics and Conditions – Information the host employer can obtain from its existing records through the exercise of reasonable diligence of the electric system.

Responsibilities

Host Employer – Before work begins, shall inform the contract employers of:

1. The characteristics of the host employer's installation that are related to the safety of the work to be performed and are listed in **Existing Characteristics and Conditions**.
   a. This requires the host employer to provide known information based on **Existing Characteristics and Conditions**.
2. Conditions that are related to the safety of the work to be performed, that are listed in **Existing Characteristics and Conditions** and that are known to the host employer.
   a. The host employer need only provide information to contract employers that the host employer can obtain from its existing records through the exercise of reasonable diligence.
3. Information about the design and operation of the host employer's installation that the contract employer needs to make the assessments required by this section.
4. Any other information about the design and operation of the host employer's installation that is known by the host employer, which the contract employer requests and that are, related to the protection of the contract employer's employees.

OSHA's Host Employer Guidelines

Responsibilities

Contract Employer – Shall comply with the following requirements:

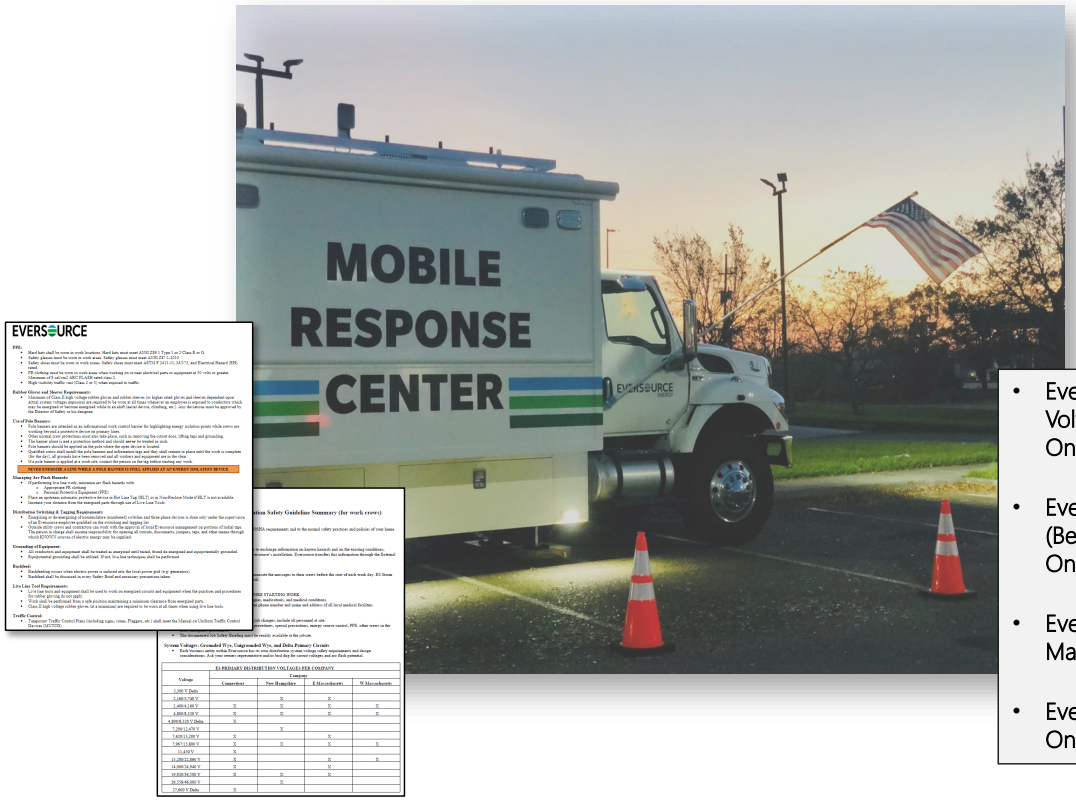
1. Ensure that each of its employees is instructed in the hazardous conditions relevant to the employee's work that the contract employer is aware of as a result of information communicated to the contract employer by the host employer under the host employer responsibilities.
2. Advise the host employer of any unique hazardous conditions presented by the contract employer's work.
3. Advise the host employer of any unanticipated hazardous conditions found during the contract employer's work that the host employer did not mention under the host employer's responsibilities. These shall be provided to the host employer upon discovering hazardous conditions.
4. Coordinate their work rules and procedures so that each employee of the contract employer and the host employer is protected as required.
5. Conduct a detailed tailboard/pre job briefing to cover all known hazards.

Existing Characteristics and Conditions

1. Nominal Voltages of Lines & Equipment
2. Minimum Approach Distances
3. Presence and Condition of Protective Grounds and Equipment Grounding Conductors
4. Presence of Hazardous Induced Voltages
5. Locations of Circuits and Equipment
6. Condition of Poles
7. Environmental Conditions

Minimum Allowable Distances – Qualified		
Voltage	Phase to Ground (Distance in Feet/Inches)	Phase to Phase (Distance in Feet/Inches)
50 to 300	Avoid Contact	Avoid Contact
301 to 750	13.1"	13.1"
751 to 5,000	2'1"	2'1"
5,001 to 15,000	2'2"	2'3"
15,001 to 36,000	2'7"	2'11"
36,001 to 46,000	2'10"	3'3"
46,001 to 72,500	3'4"	4'
72,600 to 121,000	3'4"	4'3"
121,001 to 145,000	3'10"	4'10"
145,100 to 169,000	4'4"	5'5"
230,000	5'3"	7'6"
345,000	8'6"	12'6"

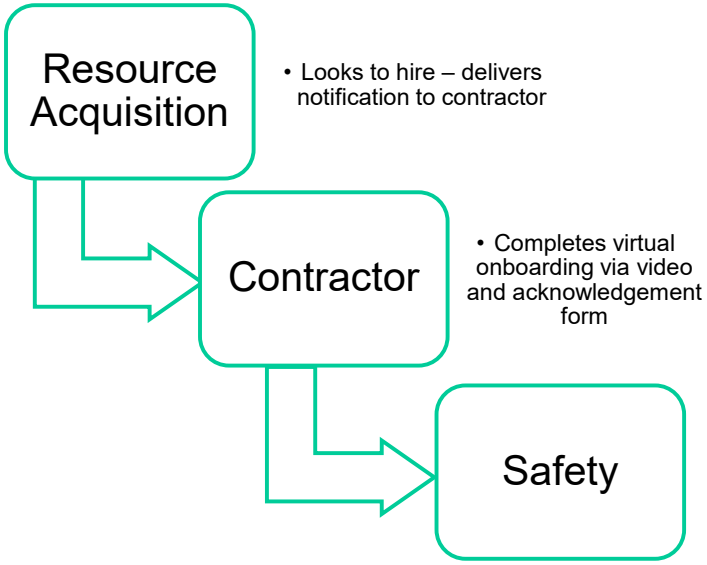
Contractor onboarding



- Eversource Primary Crews (600 Volts and Above) Safety Onboarding
- Eversource Secondary Crews (Below 600 Volts) Safety Onboarding
- Eversource Vegetation Management Safety Onboarding
- Eversource Wire Guard Safety Onboarding

Contractor onboarding

Eversource.com → Builders & Contractors





Contractor onboarding

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VIRTUAL PROCESS

- Each non-Eversource crew member (contractor and outside utility) is required to be on-boarded prior to the start of restoration work.
- The General Foreman or Foreman/Lead assigned to crews for the contractor and/or outside utility will be responsible for taking applicable safety onboarding and disseminating the information to their assigned crews.
- Existing contractor crew leads already on Eversource property prior to a storm event (for example, Contractors of Choice (COC)), require a formal on-boarding that is valid for **one (1) year.**
- Formal on-boarding for a non-COC, as well as Foremen/Leads from a COC company but traveling from an area outside our service territory (CT/MA/NH), are valid for **six (6) months.**
- Aggregator companies (i.e. Parent companies that hire sub-subcontractors to work under the Parent Name), shall ensure that the Foreman/Leads from the hired companies complete the onboarding and acknowledgement form.
- Eversource requires that the name on a company truck matches with the name given on the acknowledgement form.



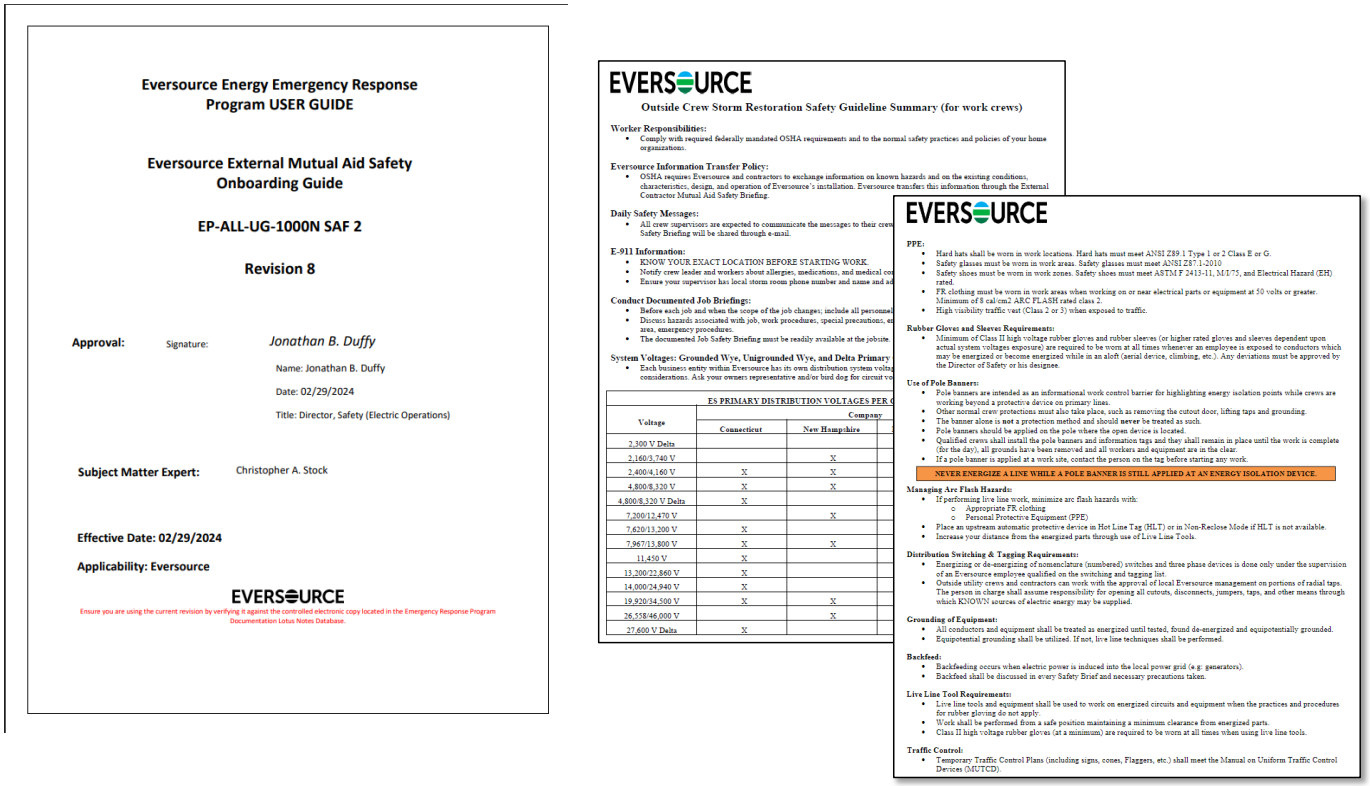
Transmission & Distribution Contractors (with an active MSA)

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Contractor	Connecticut (CT)	Eastern Massachusetts (EMA)	Western Massachusetts (WMA)	New Hampshire (NH)
Aldridge Electric, Inc.	x	x	x	x
Asplundh Construction Corp.	x	x	x	x
ATL Construction, Inc.		x		
Aztec Energy, Inc.	x		x	x
Blakeslee Arpaia Chapman, Inc.	x		x	
BluRoc, LLC	x	x	x	x
Bond Brothers, Inc.	x	x	x	x
Central Connecticut Cable Co Inc	x	x	x	x
Charter Oak Utility Constructors Inc	x		x	
Cianbro Corporation	x		x	x
CJ Drilling, Inc.	x	x	x	x
Conexus Energy Group LLC	x	x	x	x
Creative Surveying LLC	x	x	x	x
D and D Power, Inc.	x	x	x	x
E. S. Boulos Company	x	x	x	x
East Coast Power LLC	x	x	x	x
EJ Electric Installation Co	x	x	x	x
Fairway Electric Inc.	x	x		x
Ferreira UTEC, LLC	x	x	x	x
G Greene Construction Co Inc.	x	x	x	x
Grattan Line Construction Corp	x	x	x	x
H. I. Stone & Son Inc	x			
Harlan Electric Co	x	x	x	x
Haugland Energy Group LLC	x	x	x	x
Hutter Construction Corporation				x
I C Reed & Sons Inc				x
I.B. Abel, Inc.	x	x	x	x
Infrasource Construction LLC	x	x	x	
JCR Construction Co Inc		x	x	x
JHD Corporation	x		x	
Lawrence Lynch Corp.		x		
M J Electric LLC	x	x	x	x
Manafort Brothers Inc.	x	x	x	x
Mass Bay Electrical Corp.		x		
Matrix North American Construction, Inc.	x	x	x	
McCourt Construction Co. Inc.	x	x	x	x
McPhee Electric LTD LLC	x	x	x	x
Michels Power, Inc.	x	x	x	x
MTV Solutions Inc.	x	x	x	x
Nooter Utility Services	x	x	x	x
Northline Utilities, LLC	x	x	x	x
One Source Power, LLC	x	x	x	x
Orion Utility Contractors, LLC	x	x	x	x
P&G Power Corp.	x	x	x	x
Power Line Contractors, Inc.	x	x	x	x
Riggs Distler & Company Inc.	x	x	x	x
Right of Way Solutions, LLC	x	x	x	x
Sargent Electric Company	x	x	x	x
Squan Construction Services, LLC	x	x	x	x
State Electric Corporation	x	x	x	x
Suffolk Construction Company, Inc.	x	x	x	x
Supreme Industries, Inc.	x	x	x	x
The Middlesex Corporation	x	x	x	x
Three Phase Line Construction Inc	x	x	x	x
United Civil, LLC	x	x	x	x
Utility Service & Assistance Inc.				x
Valiant Energy Service LLC	x	x	x	x
W. A. Chester LLC	x	x	x	x
Witch Enterprises Inc			x	

Eversource External Mutual Aid Safety Onboarding Guide

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Eversource Energy Emergency Response Program USER GUIDE

Eversource External Mutual Aid Safety Onboarding Guide

EP-ALL-UG-1000N SAF 2

Revision 8

Approval: Signature: *Jonathan B. Duffy*

Name: Jonathan B. Duffy

Date: 02/29/2024

Title: Director, Safety (Electric Operations)

Subject Matter Expert: Christopher A. Stock

Effective Date: 02/29/2024

Applicability: Eversource

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Ensure you are using the current revision by verifying it against the controlled electronic copy located in the Emergency Response Program Documentation Lotus Notes Database.

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Outside Crew Storm Restoration Safety Guideline Summary (for work crews)

Worker Responsibilities:
- Comply with required federally mandated OSHA requirements and to the normal safety practices and policies of your home organizations.

Eversource Information Transfer Policy:
- OSHA requires Eversource and contractors to exchange information on known hazards and on the existing conditions, characteristics, design, and operation of Eversource's installation. Eversource transfers this information through the External Contractor Mutual Aid Safety Briefing.

Daily Safety Messages:
- All crew supervisors are expected to communicate the messages to their crew
Safety Briefing will be shared through e-mail.

E-911 Information:
- KNOW YOUR EXACT LOCATION BEFORE STARTING WORK.
- Notify crew leader and workers about allergies, medications, and medical co
- Ensure your supervisor has local storm room phone number and name and ad

Conduct Documented Job Briefings:
- Before each job and when the scope of the job changes; include all personnel
- Discuss hazards associated with job, work procedures, special precautions, e area, emergency procedures.
- The documented Job Safety Briefing must be readily available at the jobsite.

System Voltages: Grounded Wye, Unigrounded Wye, and Delta Primary
- Each business entity within Eversource has its own distribution system voltag considerations. Ask your owners representative and/or bird dog for circuit vo

Voltage	ES PRIMARY DISTRIBUTION VOLTAGES PER C Company	
	Connecticut	New Hampshire
2,300 V Delta		
2,160/3,740 V		X
2,400/4,160 V	X	X
4,800/8,320 V	X	X
4,800/8,320 V Delta	X	
7,200/12,470 V		X
7,620/13,200 V	X	
7,967/13,800 V	X	X
11,450 V	X	
13,200/22,860 V	X	
14,000/24,940 V	X	
19,920/34,500 V	X	X
26,558/46,000 V		X
27,600 V Delta	X	

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PPE:
- Hard hats shall be worn in work locations. Hard hats must meet ANSI Z89.1 Type 1 or 2 Class E or G.
- Safety glasses must be worn in work areas. Safety glasses must meet ANSI Z87.1-2010
- Safety shoes must be worn in work zones. Safety shoes must meet ASTM F 2413-11, M/I/75, and Electrical Hazard (EH) rated.
- FR clothing must be worn in work areas when working on or near electrical parts or equipment at 50 volts or greater. Minimum of 8 cal/cm2 ARC FLASH rated class 2.
- High visibility traffic vest (Class 2 or 3) when exposed to traffic.

Rubber Gloves and Sleeves Requirements:
- Minimum of Class II high voltage rubber gloves and rubber sleeves (or higher rated gloves and sleeves dependent upon actual system voltages exposure) are required to be worn at all times whenever an employee is exposed to conductors which may be energized or become energized while in an aloft (aerial device, climbing, etc.). Any deviations must be approved by the Director of Safety or his designee.

Use of Pole Banners:
- Pole banners are intended as an informational work control barrier for highlighting energy isolation points while crews are working beyond a protective device on primary lines.
- Other normal crew protections must also take place, such as removing the cutout door, lifting taps and grounding.
- The banner alone is not a protection method and should never be treated as such.
- Pole banners should be applied on the pole where the open device is located.
- Qualified crews shall install the pole banners and information tags and they shall remain in place until the work is complete (for the day), all grounds have been removed and all workers and equipment are in the clear.
- If a pole banner is applied at a work site, contact the person on the tag before starting any work.

NEVER ENERGIZE A LINE WHILE A POLE BANNER IS STILL APPLIED AT AN ENERGY ISOLATION DEVICE.

Managing Arc Flash Hazards:
- If performing live line work, minimize arc flash hazards with:
  - Appropriate FR clothing
  - Personal Protective Equipment (PPE)
- Place an upstream automatic protective device in Hot Line Tag (HLT) or in Non-Reclose Mode if HLT is not available.
- Increase your distance from the energized parts through use of Live Line Tools.

Distribution Switching & Tagging Requirements:
- Energizing or de-energizing of nomenclature (numbered) switches and three phase devices is done only under the supervision of an Eversource employee qualified on the switching and tagging list.
- Outside utility crews and contractors can work with the approval of local Eversource management on portions of radial taps. The person in charge shall assume responsibility for opening all cutouts, disconnects, jumpers, taps, and other means through which KNOWN sources of electric energy may be supplied.

Grounding of Equipment:
- All conductors and equipment shall be treated as energized until tested, found de-energized and equipotentially grounded.
- Equipotential grounding shall be utilized. If not, live line techniques shall be performed.

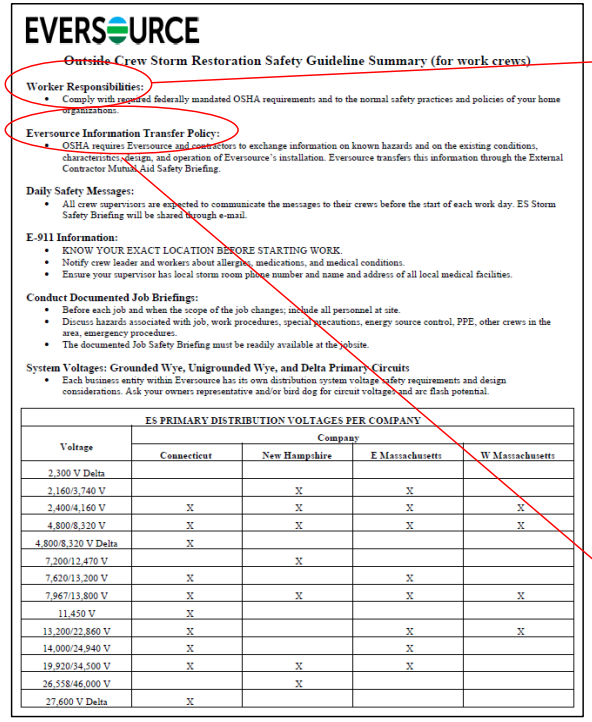
Backfeed:
- Backfeeding occurs when electric power is induced into the local power grid (e.g. generators).
- Backfeed shall be discussed in every Safety Brief and necessary precautions taken.

Live Line Tool Requirements:
- Live line tools and equipment shall be used to work on energized circuits and equipment when the practices and procedures for rubber gloving do not apply.
- Work shall be performed from a safe position maintaining a minimum clearance from energized parts.
- Class II high voltage rubber gloves (at a minimum) are required to be worn at all times when using live line tools.

Traffic Control:
- Temporary Traffic Control Plans (including signs, cones, Flaggers, etc.) shall meet the Manual on Uniform Traffic Control Devices (MUTCD).

Eversource External Mutual Aid Safety Onboarding Guide

EVERSOURCE ENERGY



EVERSOURCE

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Daily Safety Messages:
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E-911 Information:
- KNOW YOUR EXACT LOCATION BEFORE STARTING WORK.
- Notify crew leader and workers about allergies, medications, and medical conditions.
- Ensure your supervisor has local storm room phone number and name and address of all local medical facilities.

Conduct Documented Job Briefings:
- Before each job and when the scope of the job changes; include all personnel at site.
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2,160/3,740 V		X	X	
2,400/4,160 V	X	X	X	X
4,800/8,320 V	X	X	X	X
4,800/8,320 V Delta	X			
7,200/12,470 V		X		
7,620/13,200 V	X		X	
7,967/13,800 V	X	X	X	X
11,450 V	X			
13,200/22,860 V	X		X	X
14,000/24,940 V	X		X	
19,920/34,500 V	X	X	X	
26,558/46,000 V		X		
27,600 V Delta	X			

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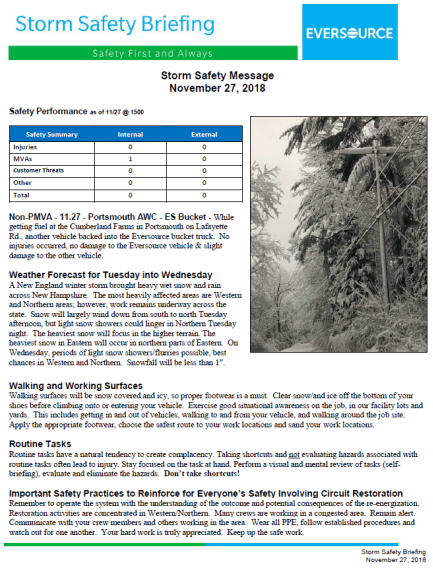
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4,800/8,320 V Delta	X			
7,200/12,470 V		X		
7,620/13,200 V	X		X	
7,967/13,800 V	X	X	X	X
11,450 V	X			
13,200/22,860 V	X		X	X
14,000/24,940 V	X		X	
19,920/34,500 V	X	X	X	
26,558/46,000 V		X		
27,600 V Delta	X			

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Storm Safety Briefing

Safety First and Always

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Storm Safety Message
November 27, 2018

Safety Performance as of 11/27 @ 1500

Safety Summary	Internal	External
Injuries	0	0
MVAs	1	0
Customer Threats	0	0
Other	0	0
Total	0	0

Non-PMVA - 11.27 - Portsmouth AWC - ES Bucket - While getting fuel at the Cumberland Farms in Portsmouth on Lafayette Rd., another vehicle backed into the Eversource bucket truck. No injuries occurred, no damage to the Eversource vehicle & slight damage to the other vehicle.

Weather Forecast for Tuesday into Wednesday
A New England winter storm brought heavy wet snow and rain across New Hampshire. The most heavily affected areas are Western and Northern areas; however, work remains underway across the state. Snow will largely wind down from south to north Tuesday afternoon, but light snow showers could linger in Northern Tuesday night. The heaviest snow will focus in the higher terrain. The heaviest snow in Eastern will occur in northern parts of Eastern. On Wednesday, periods of light snow showers/flurries possible, best chances in Western and Northern. Snowfall will be less than 1".

Walking and Working Surfaces
Walking surfaces will be snow covered and icy, so proper footwear is a must. Clear snow/and ice off the bottom of your shoes before climbing onto or entering your vehicle. Exercise good situational awareness on the job, in our facility lots and yards. This includes getting in and out of vehicles, walking to and from your vehicle, and walking around the job site. Apply the appropriate footwear, choose the safest route to your work locations and sand your work locations.

Routine Tasks
Routine tasks have a natural tendency to create complacency. Taking shortcuts and not evaluating hazards associated with routine tasks often lead to injury. Stay focused on the task at hand. Perform a visual and mental review of tasks (self-briefing), evaluate and eliminate the hazards. **Don't take shortcuts!**

Important Safety Practices to Reinforce for Everyone's Safety Involving Circuit Restoration
Remember to operate the system with the understanding of the outcome and potential consequences of the re-energization. Restoration activities are concentrated in Western/Northern. Many crews are working in a congested area. Remain alert. Communicate with your crew members and others working in the area. Wear all PPE, follow established procedures and watch out for one another. Your hard work is truly appreciated. Keep up the safe work.

Storm Safety Briefing
November 27, 2018

Eversource External Mutual Aid Safety Onboarding Guide

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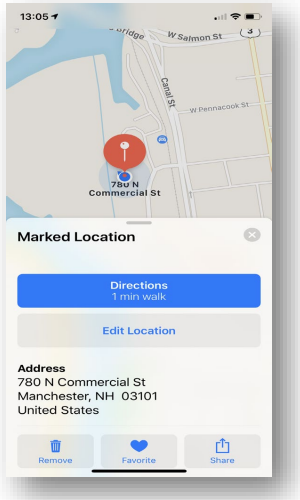
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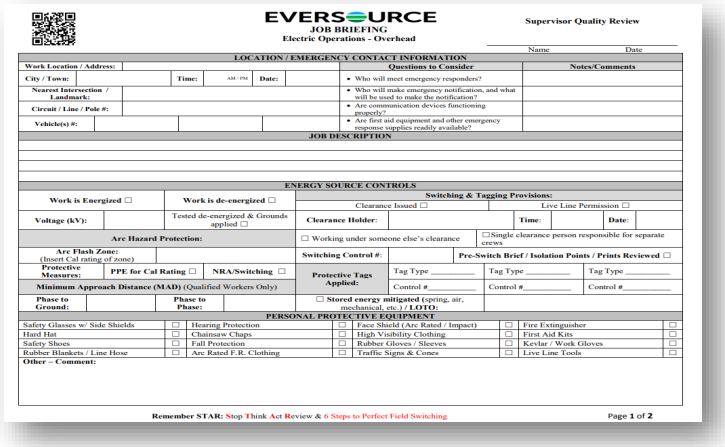
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System Voltages: Grounded Wye, Unigrounded Wye, and Delta Primary Circuits
- Each business entity within Eversource has its own distribution system voltage safety requirements and design considerations. Ask your owners representative and/or bird dog for circuit voltages and arc flash potential.

ES PRIMARY DISTRIBUTION VOLTAGES PER COMPANY				
Voltage	Company			
	Connecticut	New Hampshire	E Massachusetts	W Massachusetts
2,300 V Delta				
2,160/3,740 V		X	X	
2,400/4,160 V	X	X	X	X
4,800/8,320 V	X	X	X	X
4,800/8,320 V Delta	X			
7,200/12,470 V		X		
7,620/13,200 V	X		X	
7,967/13,800 V	X	X	X	X
11,450 V	X			
13,200/22,860 V	X		X	X
14,000/24,940 V	X		X	
19,920/34,500 V	X	X	X	
26,558/46,000 V		X		
27,600 V Delta	X			

Conduct Documented Job Briefings:

- Before each job and when the scope of the job changes; include all personnel at site.
- Discuss hazards associated with job, work procedures, special precautions, energy source control, PPE, other crews in the area, emergency procedures.
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EVERSOURCE
JOB BRIEFING
Electric Operations - Overhead

Supervisor Quality Review
Name Date

LOCATION / EMERGENCY CONTACT INFORMATION
Work Location / Address:
City / Town: Time: AM / PM Date:
Nearest Intersection / Landmark:
Circuit / Line / Pole #:
Vehicle(s) #:

Questions to Consider
- Who will meet emergency responders?
- Who will make emergency notification, and what will be used to make the notification?
- Are communication devices functioning properly?
- Are first aid equipment and other emergency response supplies readily available?

Notes/Comments

JOB DESCRIPTION

ENERGY SOURCE CONTROLS
Work is Energized ☐ Work is de-energized ☐
Voltage (kV): Tested de-energized & Grounds applied ☐
Arc Hazard Protection:
Arc Flash Zone: (Insert Cal rating of zone)
Protective Measures: PPE for Cal Rating ☐ NRA/Switching ☐
Minimum Approach Distance (MAD) (Qualified Workers Only)
Phase to Ground: Phase to Phase:

Switching & Tagging Provisions:
Clearance Issued ☐ Live Line Permission ☐
Clearance Holder: Time: Date:
☐ Working under someone else's clearance ☐ Single clearance person responsible for separate crews
Switching Control #: Pre-Switch Brief / Isolation Points / Prints Reviewed ☐
Protective Tags Applied: Tag Type / Control # (3 columns)
☐ Stored energy mitigated (spring, air, mechanical, etc.) / LOTO:

PERSONAL PROTECTIVE EQUIPMENT

Safety Glasses w/ Side Shields	☐	Hearing Protection	☐	Face Shield (Arc Rated / Impact)	☐
Hard Hat	☐	Chainsaw Chaps	☐	High Visibility Clothing	☐
Safety Shoes	☐	Fall Protection	☐	Rubber Gloves / Sleeves	☐
Rubber Blankets / Line Hose	☐	Arc Rated F.R. Clothing	☐	Traffic Signs & Cones	☐

Fire Extinguisher	☐	First Aid Kits	☐	Kevlar / Work Gloves	☐
Live Line Tools	☐				

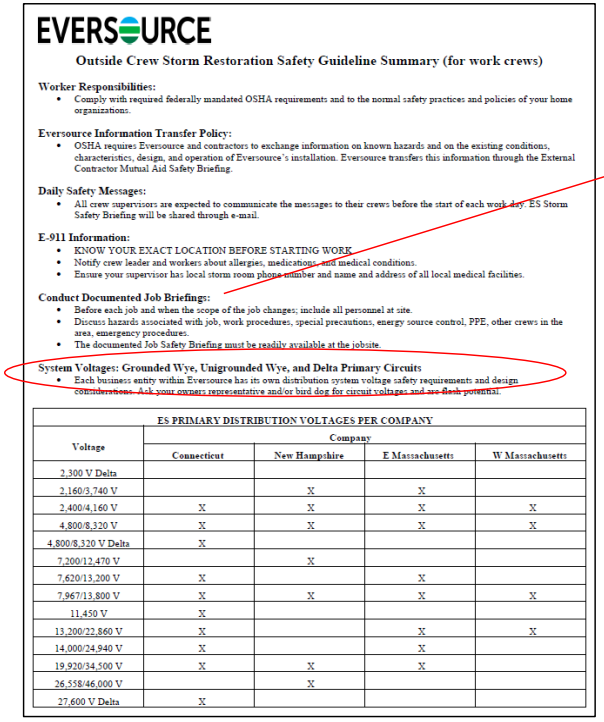
Other – Comment:

Remember STAR: Stop Think Act Review & 6 Steps to Perfect Field Switching

Page 1 of 2

Eversource External Mutual Aid Safety Onboarding Guide

EVERSOURCE ENERGY



EVERSOURCE

Outside Crew Storm Restoration Safety Guideline Summary (for work crews)

Worker Responsibilities:
- Comply with required federally mandated OSHA requirements and to the normal safety practices and policies of your home organizations.

Eversource Information Transfer Policy:
- OSHA requires Eversource and contractors to exchange information on known hazards and on the existing conditions, characteristics, design, and operation of Eversource's installation. Eversource transfers this information through the External Contractor Mutual Aid Safety Briefing.

Daily Safety Messages:
- All crew supervisors are expected to communicate the messages to their crews before the start of each work day. ES Storm Safety Briefing will be shared through e-mail.

E-911 Information:
- KNOW YOUR EXACT LOCATION BEFORE STARTING WORK.
- Notify crew leader and workers about allergies, medications, and medical conditions.
- Ensure your supervisor has local storm room phone number and name and address of all local medical facilities.

Conduct Documented Job Briefings:
- Before each job and when the scope of the job changes; include all personnel at site.
- Discuss hazards associated with job, work procedures, special precautions, energy source control, PPE, other crews in the area, emergency procedures.
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System Voltages: Grounded Wye, Unigrounded Wye, and Delta Primary Circuits
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4,800/8,320 V	X	X	X	X
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7,200/12,470 V		X		
7,620/13,200 V	X		X	
7,967/13,800 V	X	X	X	X
11,450 V	X			
13,200/22,860 V	X		X	X
14,000/24,940 V	X		X	
19,920/34,500 V	X	X	X	
26,558/46,000 V		X		
27,600 V Delta	X			

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Eversource External Mutual Aid Safety Onboarding Guide

EVERSOURCE ENERGY

EVERSOURCE

PPE:

- ~~Hard hats shall be worn in work locations. Hard hats must meet ANSI Z89.1 Type 1 or 2 Class E or G.~~
- Safety glasses must be worn in work areas. Safety glasses must meet ANSI Z87.1-2010
- Safety shoes must be worn in work zones. Safety shoes must meet ASTM F 2413-11, M/I/75, and Electrical Hazard (EH) rated.
- FR clothing must be worn in work areas when working on or near electrical parts or equipment at 50 volts or greater. Minimum of 8 cal/cm2 ARC FLASH rated class 2.
- High visibility traffic vest (Class 2 or 3) when exposed to traffic.

Rubber Gloves and Sleeves Requirements:

- Minimum of Class II high voltage rubber gloves and rubber sleeves (or higher rated gloves and sleeves dependent upon actual system voltages exposure) are required to be worn at all times whenever an employee is exposed to conductors which may be energized or become energized while in an aloft (aerial device, climbing, etc.). Any deviations must be approved by the Director of Safety or his designee.

Use of Pole Banners:

- Pole banners are intended as an informational work control barrier for highlighting energy isolation points while crews are working beyond a protective device on primary lines.
- Other normal crew protections must also take place, such as removing the cutout door, lifting taps and grounding.
- The banner alone is **not** a protection method and should **never** be treated as such.
- Pole banners should be applied on the pole where the open device is located.
- Qualified crews shall install the pole banners and information tags and they shall remain in place until the work is complete (for the day), all grounds have been removed and all workers and equipment are in the clear.
- If a pole banner is applied at a work site, contact the person on the tag before starting any work.

NEVER ENERGIZE A LINE WHILE A POLE BANNER IS STILL APPLIED AT AN ENERGY ISOLATION DEVICE.

Managing Arc Flash Hazards:

- If performing live line work, minimize arc flash hazards with:
  - Appropriate FR clothing
  - Personal Protective Equipment (PPE)
- Place an upstream automatic protective device in Hot Line Tag (HLT) or in Non-Reclose Mode if HLT is not available.
- Increase your distance from the energized parts through use of Live Line Tools.

Distribution Switching & Tagging Requirements:

- Energizing or de-energizing of nomenclature (numbered) switches and three phase devices is done only under the supervision of an Eversource employee qualified on the switching and tagging list.
- Outside utility crews and contractors can work with the approval of local Eversource management on portions of radial taps. The person in charge shall assume responsibility for opening all cutouts, disconnects, jumpers, taps, and other means through which KNOWN sources of electric energy may be supplied.

Grounding of Equipment:

- All conductors and equipment shall be treated as energized until tested, found de-energized and equipotentially grounded.
- Equipotential grounding shall be utilized. If not, live line techniques shall be performed.

Backfeed:

- Backfeeding occurs when electric power is induced into the local power grid (e.g. generators).
- Backfeed shall be discussed in every Safety Brief and necessary precautions taken.

Live Line Tool Requirements:

- Live line tools and equipment shall be used to work on energized circuits and equipment when the practices and procedures for rubber gloving do not apply.
- Work shall be performed from a safe position maintaining a minimum clearance from energized parts.
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Traffic Control:

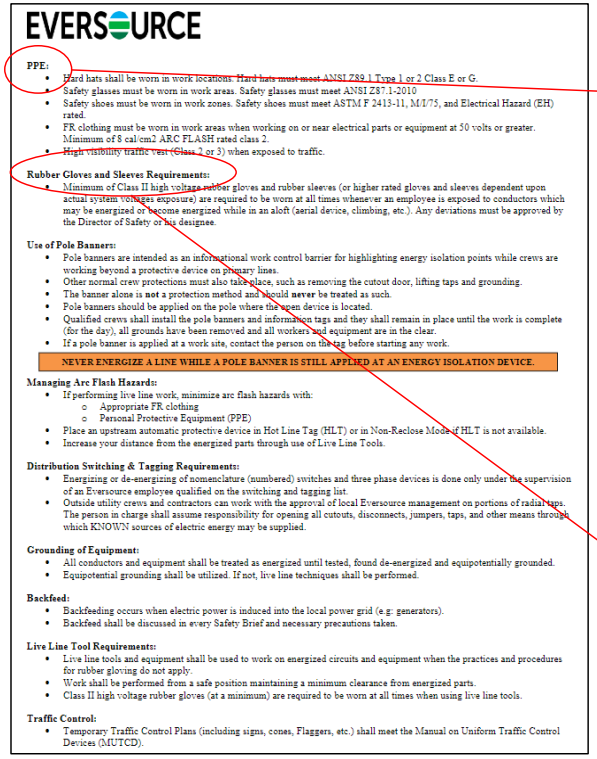
- Temporary Traffic Control Plans (including signs, cones, Flaggers, etc.) shall meet the Manual on Uniform Traffic Control Devices (MUTCD).

PPE:

- Comply with required federally mandated OSHA requirements and to the normal safety practices and policies of your home organizations.
- All personnel on site must wear appropriate PPE
- High Visibility Traffic Vest (Class III)
- Hard Hat
- Safety Glasses
- EH Safety Footwear
- FR Clothing



Eversource External Mutual Aid Safety Onboarding Guide



EVERSOURCE

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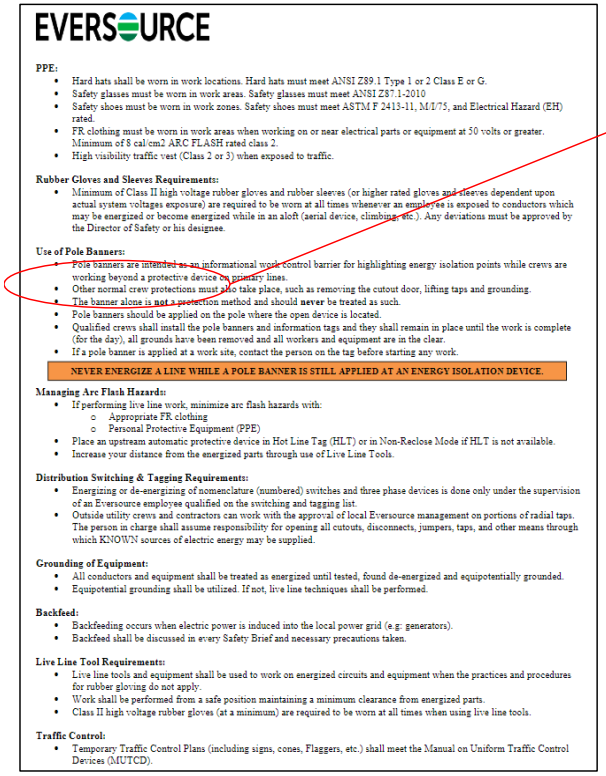
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PPE Continued:

Rubber Gloves and Sleeves Requirements:

- Minimum of Class II high voltage rubber gloves and rubber sleeves (or higher rated gloves and sleeves dependent upon the nominal system voltage exposures) are required to be worn at all times whenever an employee is exposed to conductors which may be energized or become energized (between 50 Volts to 35,000 Volts) while working aloft (i.e., aerial device, climbing, the Ground to Ground/Cradle to Cradle Rule). Any deviations must be approved by the Eversource Director of Safety or designee.
- Handling of any normally energized primary conductors from the ground shall be performed with a live-line tool, unless the primary conductors are effectively grounded and a minimum of Class II gloves are worn. Secondary conductors shall be handled from the ground with a minimum of Class 2 rubber gloves.
- Workers performing any switching (aloft or at ground level) using a live line tool and/or when performing stick work (hot sticking work aloft) at 34.5kV or below requires a minimum of Class II rubber gloves (and rubber sleeves while working aloft during Storm Restoration ****).

Eversource External Mutual Aid Safety Onboarding Guide



EVERSOURCE

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Use of Ground Flags:

- A ground flag provides an observer, whether it be the crew on-site working the line or a crew in the area, an indication that grounds are installed. Ground flags provide a better visual and stand out to an observer more than just the grounds themselves. This is a good practice to remind the crew to remove grounds prior to releasing clearance and re-energizing the line.

NEVER ENERGIZE A LINE WHILE A POLE BANNER IS STILL APPLIED AT AN ENERGY ISOLATION DEVICE

Eversource External Mutual Aid Safety Onboarding Guide

Maximo #: 565177

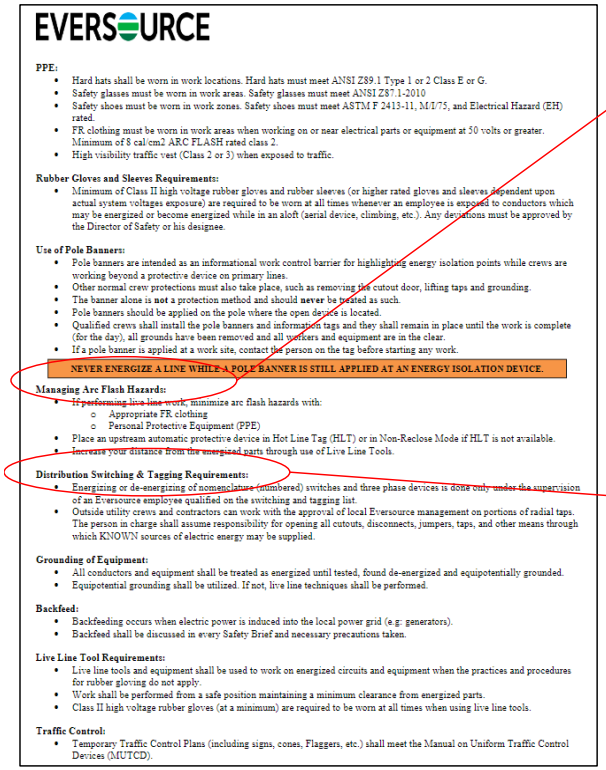


Maximo #: 565180



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Eversource External Mutual Aid Safety Onboarding Guide



EVERSOURCE

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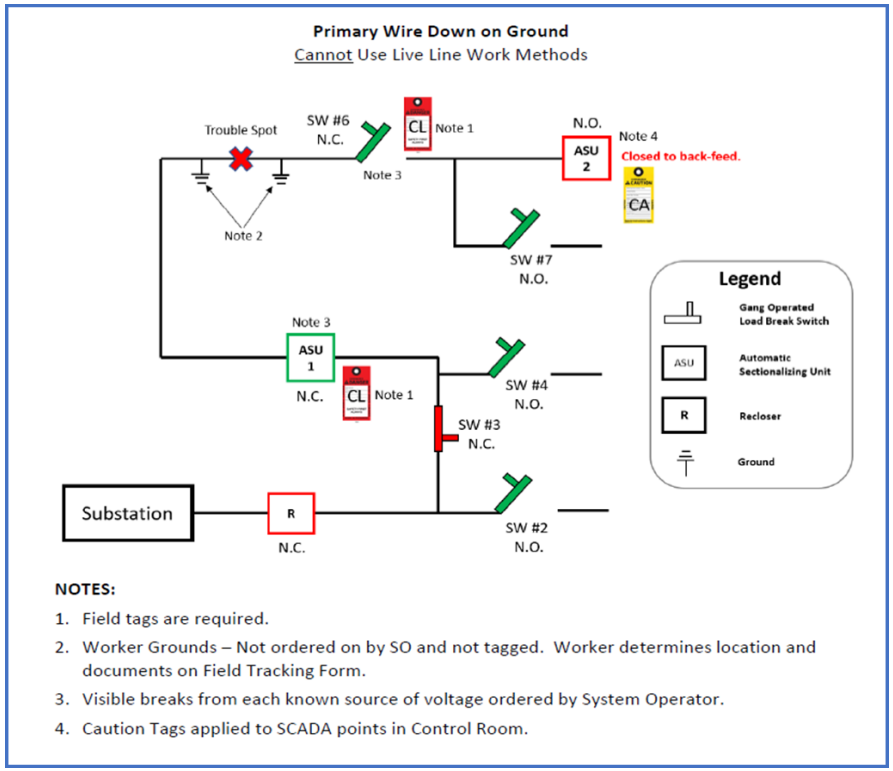
Eversource External Mutual Aid Safety Onboarding Guide

The placement of Clearance Tags does not imply that Grounds are installed. Visible breaks and Grounds are required under a Clearance when practicable.

- Placed on Limits in the open position for known sources.
- Ensure that a tagged device is not to be operated.
- Establish a Zone of Protection, which is isolated from all Known Sources of Voltage with visible breaks and Grounded where practical.
  - Equipment is tested for potential and grounded.
- Allows the application of the test potential with the Zone of Protection provided that all other Clearance Holders for that Zone of Protection have been released and express authorization from the System Operator is granted. .
  - An example of a Clearance Tag use is when minimum approach distances cannot be maintained.



Eversource External Mutual Aid Safety Onboarding Guide



Clearance Tag



Eversource External Mutual Aid Safety Onboarding Guide

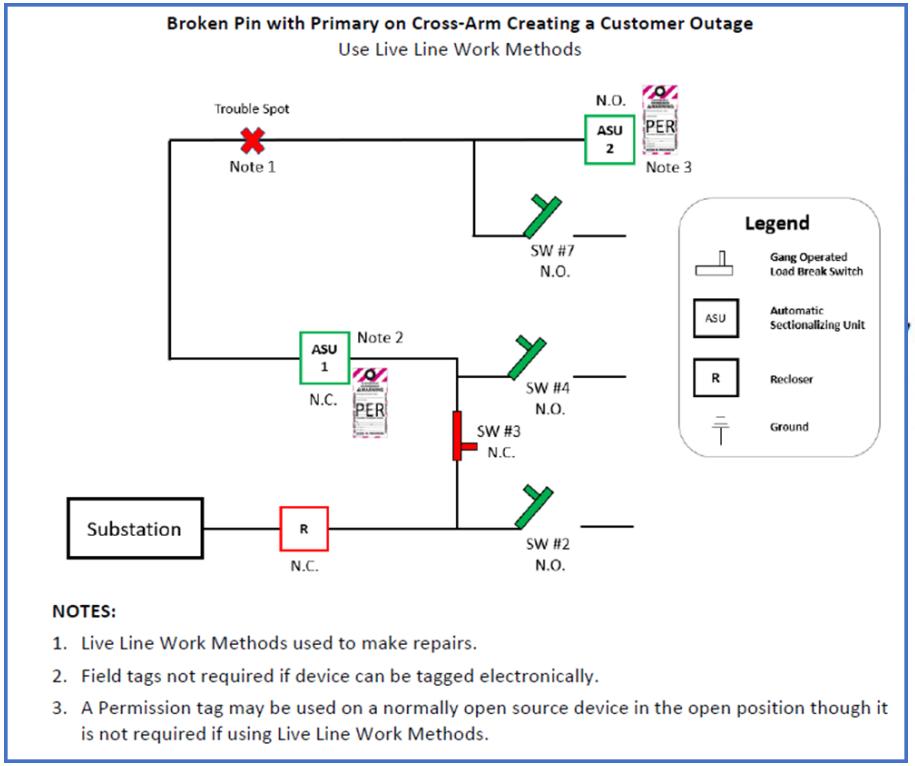
EVERSOURCE ENERGY

Permission Tags

- Are placed on limits in the open position.
- Ensure that a tagged device will not be operated.
- Shall be used on a normally closed source device in the open position, which could be used on a normally open source device in the open position to establish a Permission Zone for work on lines or equipment using Live Line Work Methods.
- Allow the application of test potential within the Permission Zone, provided that all other Permission Holders for that Permission Zone have been released and express authorization from the System Operator is granted.
- Examples of Permission Tag uses include:
  - Overhead repairs when switches are opened for emergencies. Conductors shall be treated as energized, using Live Line Work Methods.
  - For work that does not require Clearance Zone of Protection but requires equipment to be de-energized.



Eversource External Mutual Aid Safety Onboarding Guide





Eversource External Mutual Aid Safety Onboarding Guide

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NRA Tags

- Placed on device(s) and/or associated supervisory controls to prevent automatic or manual line re-energization.
- May include enabling Hot Line Tag for Arc Flash Protection.
- An NRA tag and a Caution tag can be applied on the same device.
- An example of NRA tag use is when a breaker or equipment reclosing is off.



Eversource External Mutual Aid Safety Onboarding Guide

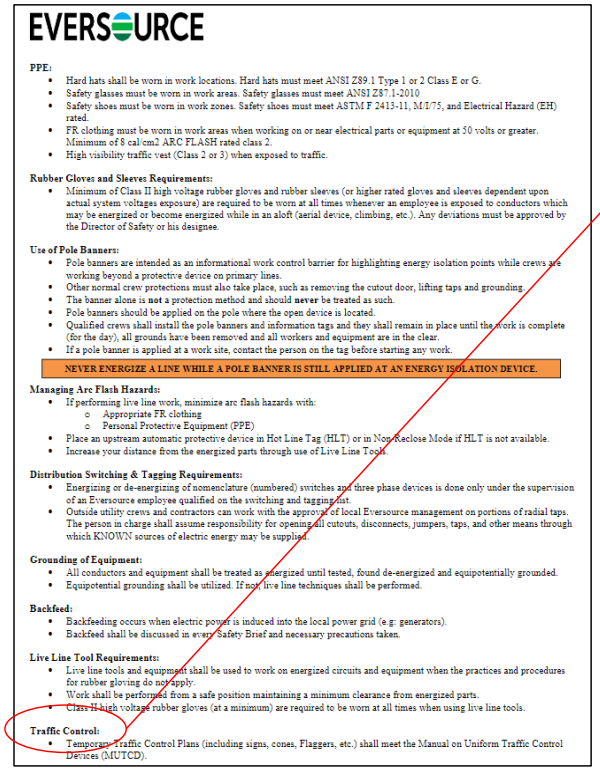
EVERSOURCE ENERGY

Caution Tags

- Indicate that a device should not be operated until the instructions documented on the Caution tag are complied with.
- May be placed on electrical apparatus in any position.
- Must not be used to establish a Zone of Protection.
- Can be applied on the same device with any other tag type.
- Must be used by the System Operator to track devices out of their normal configuration when ordered in switching.
- Examples of Caution Tag uses include:
  - To track System Operator Grounds in the field.
  - To indicate ground continuity through a closed disconnecting device.
  - To prevent operation of switching devices opened on precaution in support of work on another asset (network feeder put on the ground bus as a precaution, and so on).
  - To identify a device unsuitable for normal operation or to highlight special operating restrictions documented on the tag that must be complied with before device operation.



Eversource External Mutual Aid Safety Onboarding Guide



EVERSOURCE

PPE:
- Hard hats shall be worn in work locations. Hard hats must meet ANSI Z89.1 Type 1 or 2 Class E or G.
- Safety glasses must be worn in work areas. Safety glasses must meet ANSI Z87.1-2010
- Safety shoes must be worn in work zones. Safety shoes must meet ASTM F 2413-11, M/I/75, and Electrical Hazard (EH) rated.
- FR clothing must be worn in work areas when working on or near electrical parts or equipment at 50 volts or greater. Minimum of 8 cal/cm2 ARC FLASH rated class 2.
- High visibility traffic vest (Class 2 or 3) when exposed to traffic.

Rubber Gloves and Sleeves Requirements:
- Minimum of Class II high voltage rubber gloves and rubber sleeves (or higher rated gloves and sleeves dependent upon actual system voltages exposure) are required to be worn at all times whenever an employee is exposed to conductors which may be energized or become energized while in an aloft (aerial device, climbing, etc.). Any deviations must be approved by the Director of Safety or his designee.

Use of Pole Banners:
- Pole banners are intended as an informational work control barrier for highlighting energy isolation points while crews are working beyond a protective device on primary lines.
- Other normal crew protections must also take place, such as removing the cutout door, lifting taps and grounding.
- The banner alone is **not** a protection method and should **never** be treated as such.
- Pole banners should be applied on the pole where the open device is located.
- Qualified crews shall install the pole banners and information tags and they shall remain in place until the work is complete (for the day), all grounds have been removed and all workers and equipment are in the clear.
- If a pole banner is applied at a work site, contact the person on the tag before starting any work.

NEVER ENERGIZE A LINE WHILE A POLE BANNER IS STILL APPLIED AT AN ENERGY ISOLATION DEVICE.

Managing Arc Flash Hazards:
- If performing live line work, minimize arc flash hazards with:
  - Appropriate FR clothing
  - Personal Protective Equipment (PPE)
- Place an upstream automatic protective device in Hot Line Tag (HLT) or in Non-Reclose Mode if HLT is not available.
- Increase your distance from the energized parts through use of Live Line Tools.

Distribution Switching & Tagging Requirements:
- Energizing or de-energizing of nomenclature (numbered) switches and three phase devices is done only under the supervision of an Eversource employee qualified on the switching and tagging list.
- Outside utility crews and contractors can work with the approval of local Eversource management on portions of radial taps. The person in charge shall assume responsibility for opening all cutouts, disconnects, jumpers, taps, and other means through which KNOWN sources of electric energy may be supplied.

Grounding of Equipment:
- All conductors and equipment shall be treated as energized until tested, found de-energized and equipotentially grounded.
- Equipotential grounding shall be utilized. If not, live line techniques shall be performed.

Backfeed:
- Backfeeding occurs when electric power is induced into the local power grid (e.g. generators).
- Backfeed shall be discussed in every Safety Brief and necessary precautions taken.

Live Line Tool Requirements:
- Live line tools and equipment shall be used to work on energized circuits and equipment when the practices and procedures for rubber gloving do not apply.
- Work shall be performed from a safe position maintaining a minimum clearance from energized parts.
- Class II high voltage rubber gloves (at a minimum) are required to be worn at all times when using live line tools.

Traffic Control:
- Temporary Traffic Control Plans (including signs, cones, Flaggers, etc.) shall meet the Manual on Uniform Traffic Control Devices (MUTCD).

- **Traffic Control:**
  - Temporary Traffic Control Plans (including signs, cones, Flaggers, etc.) shall meet the Manual on Uniform Traffic Control Devices (MUTCD).
  - Police Detail / Flagging.

Eversource External Mutual Aid Safety Onboarding Guide

Incident Reporting and Analysis

- Contractors shall report any work-related incidents and near misses involving injury, illness, death, motor vehicle incident or damage, or property damage (public, Contractor, or Eversource) to the Eversource Representative immediately. Notwithstanding this requirement, the priorities are to ensure that any injured receive medical treatment and that the area has been made safe.

- Local safety or the on-call safety representative (if local is unavailable) shall be notified in addition to the Eversource Rep.
  - **CT on-call: 860-665-3949**
  - **MA on-call: 413-787-9590**
  - **NH on-call: 603-634-2430**

Eversource External Mutual Aid Safety Onboarding Guide

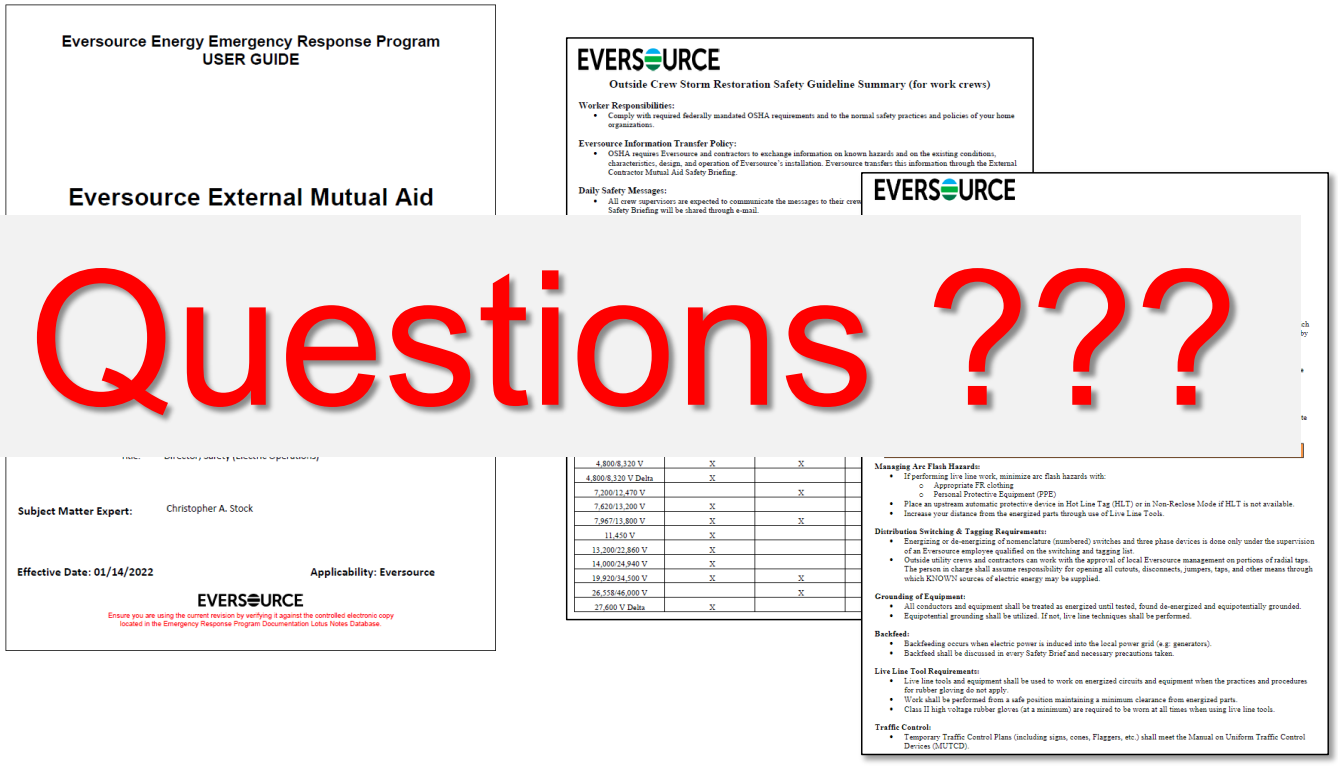
- Call an “All Stop” if you are unsure about a piece of equipment, work method, or have a safety concern. DO NOT PROCEED until clarity is provided or the appropriate/safe work method is determined.

Eversource External Mutual Aid Safety Onboarding Guide

- Additional mutual aid documents are located at:

https://www.eversource.com/content/ct-c/about/about-us/doing-business-with-us/builders-contractors/electric-contractor-safety-requirements/electric-mutual-aid-safety-onboarding

Eversource External Mutual Aid Safety Onboarding Guide



Questions ???

Module 2

External Resource Field Coordinator and Crew Guide Training

Module 2 Agenda

- **External Resource Field Coordinator and Crew Guide Training**
  - ERFC & Crew Guide roles based on Incident Command System (ICS) ORG
  - Communicating with to Contractor Caller
  - ARCOS Crew Manager & Food & Lodging
  - Collecting signed timesheets & daily work logs

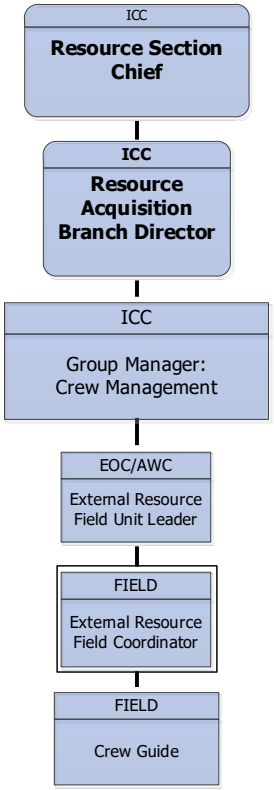
Definition

ERFCs / Crew Guides coordinate the activities of the crews assigned to them.

- They communicate the restoration strategy to the crews and provide them with logistical details concerning food and lodging.
- They provide two-way communications regarding damage, restoration times, and materials needed between the Operations Coordinator in the Restoration Management Team (RMT) and field crews.

The difference between ERFCs and Crew Guides is **ERFCs are ESOP-100 APL (Authorized Persons List) Qualified person and can hold clearances for contractors**. Crew Guides are not on the APL. Note, ERFC must be ESOP99 Qualification #5 to perform switching

Resource Acquisition Branch



Responsibilities

Operational Oversight

- ERFC Unit works within Resource Acquisition Unit to verify rosters and track all line contractor resources throughout the event. The ERFC or CG is the final check of contractor roster information in ARCOS to verify correct information. If roster/ARCOS information is not accurate, crews may not be assigned lodging, food, work assignments, and contractor billing can be impacted.

Financial Documentation

- The External Resource Field Coordinator (ERFC)/Crew Guide has the responsibility to ensure accurate time reporting on daily timesheets and signing for travel times on mob/demob timesheets.

Safety

- Ensure the safety briefing (External Mutual Aid OnBoarding) is provided by a Safety Specialist
  - Daily Job Briefing – provided by ERFC/Crew Guide
  - Daily Safety Briefing – provided by ERFC/Crew Guide
- Contractors are following all Eversource Safety Rules including appropriate PPE and Daily Safety and Job Briefings - If unsure, contact Safety Specialist
- Report all incidents immediately (Injuries, MVA, etc)
- Safety Concerns – STOP work and work with contractor and Safety to resolve

Notify the Operations Coordinator with any Safety Issues

External Resource Field Unit Leader

External Resource Field Unit Leader oversees External Resource Field Coordinators/Crew Guides who are assigned to contract crews. They determine Coordinator schedules and assign them to contractors and act as a key point of contact to address any logistical, operational or safety issues that may arise

Pre-ERP Focus

- Assess availability, activate, and deploy unit personnel as directed, including ERFC and Crew Guides
- Assign External Resource Field Coordinators and Crew Guides with contract crews in anticipation of arrival

During ERP Focus

- Provides a schedule for all personnel for location, shifts and contractor coverage and directs the contractors through the on-boarding process
- Ensure logistics needs such as F&L, materials, etc. are being met
- Provides oversight while crews are working on system
- Remind the ERFC to coordinate daily safety briefings and to maintain time sheets
- Job Description **EP-ALL-EPJD-RM-08R0** is located on the Eversource Intranet, Weather & Outages, EP Doc Library.

External Resource Field Coordinator / Crew Guide

ERFC/Crew Guide coordinates the activities of crews assigned to them. They communicate the restoration strategy to the crews and provide them with logistical details concerning food and lodging.

- Meet and greet your contractor and exchange cell #'s
- Communicates with Contractor Caller regularly to verify contractor roster and communicate any discrepancies as well as obtain Food & Lodging information.
- Coordinates Contractor Safety Briefings, makes sure all have PPE
- Coordinate Food and Lodging requests through Contractor Callers
- Work with RMT on work assignments for each day
- Track contractor working and rest hours each day (16/8) or (18/6)
- Hold work clearances as needed (ERFC Only)
- Act as a field liaison between the contractor and RMT if issues arise

External Resource Field Coordinator / Crew Guide (continued)

- Ensure that all completed work is called back into the RMT
- Ensure contractor is providing on-site status and ETR's
  - Liaison between contractor and RMT to complete work safely and in a timely manner
  - Must provide status – on-route, on-site, and ETR's in timely manner for all assigned work tickets back to RMT
  - Ensure all completed work is reported back to RMT
- Ensure contractor timesheet is accurate, sign and retain a copy
- Field Coordinators should end shift work early enough to allot for travel to lodging and meals
- Responsible for demobilization and returning materials to local storerooms

External Resource Field Coordinator / Crew Guide (continued)

- Forward all signed time sheets to Resource Acquisition UL state email box
  - ct.stormtimesheets@eversource.com
  - ma.stormtimesheets@eversource.com
  - nh.stormtimesheets@eversource.com

  Job Description **EP-ALL-EPJD-RM-09R1** and **EP-ALL-EPJD-RM-14R1** respectively are located on the Eversource Intranet, Weather & Outages, EP Doc Library.

ERFC/Crew Guide Difference

- Authorized Persons List (APL)
  - **Authorized Person**
    - A Qualified Person who has been deemed competent to perform one or more of the following activities and whose name and authorized category(s) are on the Eversource Authorized Person List:
      - Request a Clearance, Permission, or NRA
      - Hold a Clearance, Permission, or NRA
      - Perform Operator Switching & Tagging
      - Perform Field Switching & Tagging
      - Perform Delegated Controllership responsibilities

Exception: A person who is undergoing On-the-Job Training and who, during such training, has demonstrated an ability to perform duties safely at his or her level of training and is under the direct supervision of an Authorized Person, may be considered an Authorized Person in the performance of those specific duties.

Hub Link for more information:

https://eversourceenergy.sharepoint.com/sites/ElectricOperations/SitePages/Switching-and-Tagging-Project.aspx

APL Qualified Switching Resources

APL's are assigned to assist Crew Guides (sometimes multiple) during an event to act as a qualified switching resource in the field.

- Activated and receive assigned Crew Guides and/or contractor lead contact information and reporting location from Contract Callers.
- Communicate/coordinate with Crew Guides and/or contractor leads at start of event and every shift to ensure all are in required locations working or ready to respond.
- Coordinate with Crew Guides on daily work assignments that require switching support.
- Take applicable switching orders at physical job locations from Dispatch for all non-APL qualified Crew Guides as required.
- Communicate status of work assignments to Crew Guides.
  - On route, working, complete
- Expect to receive multiple check-in phone calls per day from Contractor Callers before and during each shift of an event.
  - Activation/assignments, location changes, new instructions or direction, receive information back from field, etc.

Resource Acquisition Specialist / Contractor Caller

Trained to make contact with the ERFC/Crew Guide periodically throughout the day to remind & ensure the following:

- Safety briefing takes place and or reporting of any safety incidents
- Crew and bucket count changes
- Work has been received from the EOC/RMT
- Verify the estimated finish time for the days work
- Confirm changes in work locations
- Check to confirm Food and Lodging arrangements

Methods of Lodging Notification

Text Message

Your Lodging Assignments below have been canceled:
Lodging: Courtyard Marriott Manchester - Manchester NH, Dates: 03/18/2019

Your crews have had the following Lodging Assignments canceled:
Lodging: Courtyard Marriott Manchester - Manchester NH, Crew: 3PHA_PU_Bachhuber, Member: Miele, Christopher (Imported), Dates: 03/18/2019 - Double

Food & Lodging				
First Name	Last Name		Cell Phone #	Office Phone #
CT Food & Lodging				860-665-3338
Mass Food & Lodging				781-441-3222
NH Food & Lodging				603-634-3133

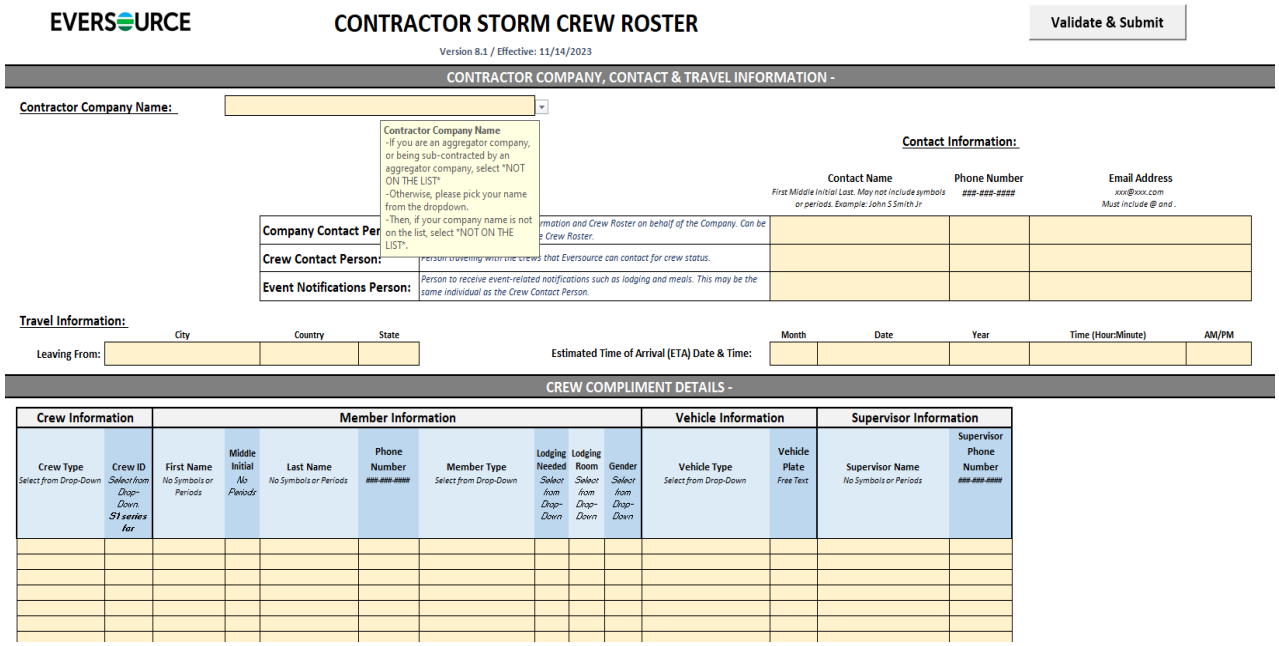
Email

EVERSOURCE IT NOTICE – EXTERNAL EMAIL SENDER ** Don't be quick to click! ******

Do not click on links or attachments if sender is unknown or if the email is unexpected from someone you know, and never provide a user ID or password. Report suspicious emails by selecting 'Report Phishing' or forw
SPAMFEEDBACK@EVERSOURCE.COM for analysis by our cyber security team.

Generated:	03/18/2019 11:52:12	PIT:	03/18/2019 11:52:12	Lodging Detail Export(* indicates mismatch in LodgingRoomType required vs assigned.)	Powered by ARCOS®
Lodging	Crew	Member	Monday 3/18	Tuesday 3/19	Wednesday 3/20
Courtyard Marriott Manchester - Manchester NH	3PHA_PU_Sinclair	Sinclair, Tj (Imported)	Single (Canceled)		

Correct ARCOS Crew Roster Example



EVERSOURCE

CONTRACTOR STORM CREW ROSTER

Version 8.1 / Effective: 11/14/2023

Validate & Submit

CONTRACTOR COMPANY, CONTACT & TRAVEL INFORMATION -

Contractor Company Name:

Contractor Company Name
-If you are an aggregator company, or being sub-contracted by an aggregator company, select "NOT ON THE LIST"
-Otherwise, please pick your name from the dropdown.
-Then, if your company name is not on the list, select "NOT ON THE LIST".

Contact Information:

		Contact Name First Middle Initial Last. May not include symbols or periods. Example: John S Smith Jr	Phone Number ###-###-####	Email Address xxx@xxx.com Must include @ and .
Company Contact Per	...rmation and Crew Roster on behalf of the Company. Can be ...e Crew Roster.			
Crew Contact Person:	...Person traveling with the crews that Eversource can contact for crew status.			
Event Notifications Person:	Person to receive event-related notifications such as lodging and meals. This may be the same individual as the Crew Contact Person.			

Travel Information:

	City	Country	State		Month	Date	Year	Time (Hour:Minute)	AM/PM
Leaving From:				Estimated Time of Arrival (ETA) Date & Time:					

CREW COMPLIMENT DETAILS -

Crew Information		Member Information								Vehicle Information		Supervisor Information	
Crew Type Select from Drop-Down	Crew ID Select from Drop-Down. S1 series for	First Name No Symbols or Periods	Middle Initial No Periods	Last Name No Symbols or Periods	Phone Number ###-###-####	Member Type Select from Drop-Down	Lodging Needed Select from Drop-Down	Lodging Room Select from Drop-Down	Gender Select from Drop-Down	Vehicle Type Select from Drop-Down	Vehicle Plate Free Text	Supervisor Name No Symbols or Periods	Supervisor Phone Number ###-###-####

Daily Timesheet

Eversource Contractor Storm Daily Time & Work Report

EVERSOURCE

1. STATE	2. DATE WORK WAS PERFORMED	3. STORM WORK ORDER

4. CONTRACTOR'S NAME	5. CONTRACTOR'S ADDRESS (NO., STREET, CITY, STATE, ZIP CODE)

	6. START TIME ☐ AM ☐ PM	7. END TIME ☐ AM ☐ PM		

LABOR					EQUIPMENT			EXPENSES & MATERIAL *(Contractor-Supplied Only)*		
8. NAME	9. CLASSIFICATION	BILLABLE HOURS PER DAY 10. TRAVEL TIME *	11. STANDBY	12. WORK TIME	13. DESCRIPTION	14. VEHICLE ID	15. BILLABLE HOURS	16. DESCRIPTION	17. QTY	18. UNIT OF MEASURE
19. TOTALS ▶										

WORK DISTRIBUTION

20. OMS EVENT NUMBER	21. LOCATION	22. CIRCUIT	23. DESCRIPTION OF WORK	TRACKED HOURS PER OMS EVENT 24. EVENT START TIME	25. EVENT END TIME

26. CONTRACTOR REPRESENTATIVE *(PLEASE PRINT)*:	27. CONTRACTOR REPRESENTATIVE SIGNATURE:	28. TELEPHONE NUMBER	29. DATE

30. APPROVED BY EVERSOURCE REPRESENTATIVE *(PLEASE PRINT)*:	31. EVERSOURCE REPRESENTATIVE SIGNATURE:	32. DATE

Safety First and Always

Timesheet Instructions

- Majority of all timesheet related questions can be found on backside of printed timesheet
- Most data points are self explanatory
- Signatures are key
  - Verifies contact with crew
  - Gives Invoice reviewer an Eversource POC if questions arise
  - PURA Requirement (CT)
- Review process is designed to help catch invoice approval issues, which includes travel hours signed for mob/demob

Block #	Block Title	Instructions
1	State work was performed in	Self-Explanatory
2	Date Work Was Performed	Self-Explanatory
3	Storm Work Order	Provided by the Eversource Representative
4	Contractor Name	Self-Explanatory
5	Contractor Address	Self-Explanatory
6	Start Time	Beginning of shift
7	End Time	End of shift
8	Name	Contractor employee name as it appears on roster
9	Classification	e.g., Lineman, Apprentice, etc.
	FOR BLOCKS 10, 11 & 12: TIME ENTERED IS PAID AT WORKING RATES HOURS	
10	Travel Time *	Travel time to/from Hotel to Work Reporting Location and mobilizing and demobilizing to Eversource.
11	Standby	Time onsite waiting to be put to work.
12	Work Time	Time performing work (Restoration)
13	Description	Type of equipment or vehicle (e.g., Bucket Truck, Digger, Pickup Truck
14	ID	Equipment number or license plate Number
15	Billable Hours	Hours equipment or vehicle in use
16	Description	Expenses (e.g., meals, tolls) and Material charged back by contractor. **DOES NOT INCLUDE MATERIAL PROVIDED BY EVERSOURCE.**
17	Qty (Quantity)	Cost ($) or Item used (e.g., wire, bolt holder)
18	Unit of Measure	e.g., feet, each **(N/A for expenses)**
19	Total of Hours	Sum of Columns 10, 11 & 12 & 15
20	OMS Event Number	Provided by Eversource Dispatcher
21	Location	Location work performed in – For Line, Tree, or Service
22	Circuit	Circuit being assessed for damage – **FOR DAMAGE ASSESSORS ONLY**
23	Description of Work	e.g., replacement of pole/pole top, transformer, wire)
24	Event Start Time	Dispatch time for event.
25	Event End Time	Time work was completed on the event
26	Contractor Representative	Printed Name of Authorized Contractor Representative
27	Contractor Representative Signature	Enter Approval Signature of Contractor Representative
28	Telephone Number	Phone Number of Authorized Contractor Representative
29	Date	Self-Explanatory
30	Approved by Eversource Representative	Printed Name of the Authorized Eversource Representative
31	Eversource Representee Signature	Enter Approval Signature of Authorized Eversource Representative
32	Date	Self-Explanatory

Mobilization / Demobilization Timesheet Example

EVERSOURCE ENERGY

EVERSOURCE

Eversource Contractor Storm Mobilization & Demobilization Time Report

1. CONTRACTOR NAME	2. SELECT ACTIVITY (MARK ALL THAT APPLY)	3. DESTINATION STATE
LAURA ELECTRIC	X	NH

4. CONTRACTOR ADDRESS (NO., STREET, CITY, STATE, ZIP CODE)

107 SELDEN ST, BERLIN CT 06037

LABOR				EQUIPMENT			EXPENSES	
5. NAME	6. CLASSIFICATION	BILLABLE HOURS PER DAY		9. DESCRIPTION	10. ID	11. BILLABLE HOURS	12. DESCRIPTION	13. COST
		7. TRAVEL TIME	8. STANDBY TIME					
PAUL SMITH	LINE FOREMAN	4.00	2.00	PICKUP	P300	4.00	1 MEAL	PER DIEM
JASON FORD	LINEMAN	4.00	2.00	BUCKET	P301	4.00	1 MEAL	PER DIEM
BRETT WILSON	WORKING FOREMAN	4.00	2.00	PICKUP	P302	4.00	1 MEAL	PER DIEM
14. TOTALS ▸		12.00	6.00			18.00		

TRAVEL TIME DISTRIBUTION DETAIL

15. START LOCATION	16. END LOCATION	17. STANDBY LOCATION	18. DESCRIPTION OF TIME	TRACKED TRAVEL HOURS			
				19. START DATE	20. START TIME	21. END DATE	22. END TIME
BERLIN, CT	TILTON, NH	64 BUSINESS PARK DRIVE, TILTON, NH 03276 - 3 Hours	Travel 107 SELDEN ST, BERLIN - CT 06037 to 64 BUSINESS PARK DRIVE, TILTON, NH 03276 . 356 miles - 5 hours	1/8/2025	1500	1/8/2025	1900
		TILTON, NH	Safety Onboarding, dinner and hotel check in	1/8/2025	1900	1/8/2025	2100

23. CONTRACTOR REPRESENTATIVE (PLEASE PRINT)	24. CONTRACTOR REPRESENTATIVE SIGNATUR	25. TELEPHONE NUMBER	26. DATE
JOHN DOE	JOHN DOE	203-333-3333	1.8.2025
27. APPROVED BY EVERSOURCE REPRESENTATIVE (PLEASE PRINT)	**28. EVERSOURCE REPRESENTATIVE SIGNATURE**		**29. DATE**
LAURA VIEIRA	LAURA VIEIRA		1.8.2025

Timesheet Example

Eversource Contractor Storm Daily Time & Work Report

EVERSOURCE

1. STATE	2. DATE WORK WAS PERFORMED	3. STORM WORK ORDER
CT	1/8/2025	MS23B006

4. CONTRACTOR'S NAME	5. CONTRACTOR'S ADDRESS (NO., STREET, CITY, STATE, ZIP CODE)
CT POWER INC	107 SELDEN ST, BERLIN CT 06037

6. START TIME	7. END TIME
600 ☐ ☐ ☐ ☑ AM ☐ PM	1800 ☐ AM ☑ PM

LABOR

8. NAME	9. CLASSIFICATION	BILLABLE HOURS PER DAY 10. TRAVEL TIME*	11. STANDBY	12. WORK TIME
PAUL SMITH	LINE FOREMAN			12
JASON FORD	LINEMAN			12
BRETT WILSON	WORKING FOREMAN			12
35. TOTALS ▶				36

EQUIPMENT

13. DESCRIPTION	14. VEHICLE ID	15. BILLABLE HOURS
PICKUP	P300	16
BUCKET	B50	16
PICKUP	P301	16
		42

EXPENSES & MATERIAL *(Contractor-Supplied Only)*

16. DESCRIPTION	17. QTY	18. UNIT OF MEASURE
MEALS	3	PER DIEM
MEALS	3	PER DIEM
MEALS	3	PER DIEM

WORK DISTRIBUTION

20. OMS EVENT NUMBER	21. LOCATION	22. CIRCUIT	23. DESCRIPTION OF WORK	TRACKED HOURS PER OMS EVENT 24. EVENT START TIME	25. EVENT END TIME
4955819	DOVER	317X20	B50-MCKONE LANE P 139/2 12.47 - 288 CENTRAL AVE, DOVER NH 03820	600	1800

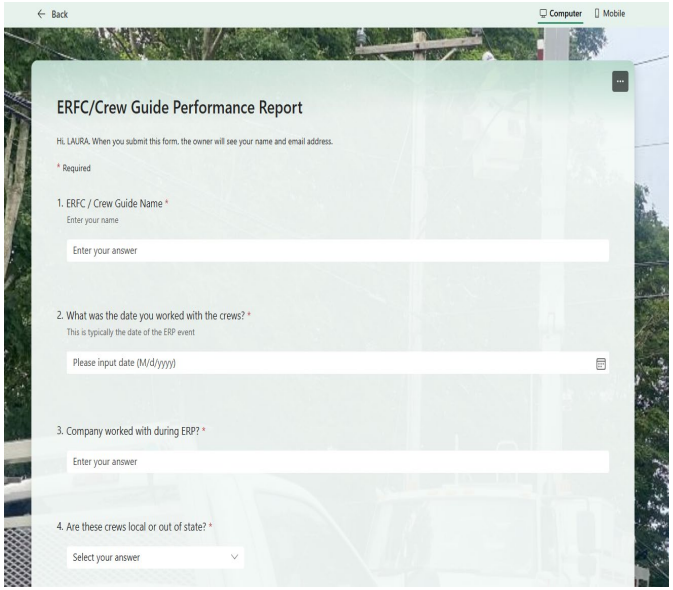
26. CONTRACTOR REPRESENTATIVE *(PLEASE PRINT)*	27. CONTRACTOR REPRESENTATIVE SIGNATURE:	28. TELEPHONE NUMBER	29. DATE
JOHN DOE	JOHN DOE	203-333-333	1/8/2025
30. APPROVED BY EVERSOURCE REPRESENTATIVE *(PLEASE PRINT)*	**31. EVERSOURCE REPRESENTATIVE SIGNATURE:**		**32. DATE**
LAURA VIEIRA	LAURA VIEIRA		1/8/2025

Timesheet Instructions

- Do not include mobilization or demobilization information on this timesheet.
- The Authorized Eversource Representative signs on time, work, and the material used, NOT the rate(s).
- Signature by Eversource constitutes acknowledgment of receipt of invoice/timesheet; but Eversource reserves the right to further review and audit this document and the associated charges and seek reimbursement of any amounts that are found to be over-billed or inaccurate.

ERFC/CG Tool

- Captures crew specific performance data
- Assists in KPIs, and improvements needed
- Available in computer and mobile versions
- Distributed post storm
- 8 questions
- Link



CT Key Phone Numbers & Resource Acquisition e-mail

ct.resourceacquisition@eversource.com
ct.stormtimesheets@eversource.com

Oil Spill Hotline # 888-957-7455

Region/ EOC	RMT Name	Ops Coordinator	Dispatch
Central	Cheshire	860-280-2117	860-280-2051
	Hartford	860-280-2042	860-280-2022
	Tolland	860-280-2237	860-280-2024
Eastern	Danielson	860-447-5747	860-447-5708
	E Hampton	860-447-5771	860-447-5809
	Madison	860-447-5805	860-447-5802
	New London	860-447-5821	860-447-5775
Western	Newtown	203-270-5850	203-270-5864
	Norwalk	203-270-5866	203-270-5882
	Stamford	203-270-5858	203-270-5853
	Torrington	203-270-5849	203-270-5874

CT Key Phone Numbers & Resource Acquisition e-mail

ct.resourceacquisition@eversource.com
ct.stormtimesheets@eversource.com

Oil Spill Hotline # 888-957-7455

Region/ EOC	RMT Name	Ops Coordinator	Dispatch
Central	Cheshire	860-280-2117	860-280-2051
	Hartford	860-280-2042	860-280-2022
	Tolland	860-280-2237	860-280-2024
Eastern	Danielson	860-447-5747	860-447-5708
	E Hampton	860-447-5771	860-447-5809
	Madison	860-447-5805	860-447-5802
	New London	860-447-5821	860-447-5775
Western	Newtown	203-270-5850	203-270-5864
	Norwalk	203-270-5866	203-270-5882
	Stamford	203-270-5858	203-270-5853
	Torrington	203-270-5849	203-270-5874

MA Key Phone Numbers & Resource Acquisition e-mail

ma.resourceacquisition@eversource.com / ma.stormtimesheets@eversource.com

Oil Spill Hotline # 888-957-7455

Region/ EOC	RMT Name	Ops Coordinator/ Dispatcher Phone 1	Ops Coordinator/ Dispatcher Phone 2
Cape/ Yarmouth	Yarmouth (RMT 2)	"508-790-6720 508-790-6721"	790-6764
	Falmouth/ MV (RMT 1)	"508-790-6720 508-790-6721"	790-6762
	Orleans (RMT 3)	"508-790-6720 508-790-6721"	790-6767
		dispatcher	Ops Coord.
South/ Plymouth	Plymouth 1	844-304-9719	508-732-4369
	Plymouth 2	844-304-9719	508-732-4371
	New Bedford	844-304-9720	508-732-4366
Central/ Boston	Boston UG	844-200-1203	
	Somerville	844-200-1201	
	Hyde Park	800-200-1204	
MetroWest/ Southborough	Southborough	508-305-6923	844-200-1208
	Waltham	508-305-6968	844-200-1206
	Walpole	508-305-6917	844-200-1207
	RMT 4	508-305-6928	
West/ Springfield	Springfield	413-787-9044	413-787-1030
	Hadley	413-787-9043	413-787-1040
	Pittsfield	413-787-9045	413-787-1050

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NH Key Phone Numbers & Resource Acquisition e-mail

nh.resourceacquisition@eversource.com
nh.stormtimesheets@eversource.com

Oil Spill Hotline # 888-957-7455

Regional EOC	RMT Name	Ops Coordinator	Dispatcher Phone (Centralized SOC)	(800) Number for Dispatcher
Central				
	Hooksett	(603)634-2020	(603) 634-2799	(844) 647-6212
	Bedford	(603)634-2070	(603) 634-2799	(844) 647-6212
Southern				
	Derry	(603)421-1520	(603) 634-2899	(844) 647-6213
	Nashua	(603)421-1511	(603) 634-2899	(844) 647-6213
Eastern		(603-679-1602)		
	Rochester	Ext. 555-5329	(603) 634-2999	(844) 647-6214
	Portsmouth	Ext. 555-5647	(603) 634-2999	(844) 647-6214
	Epping	Ext. 555-5680	(603) 634-2999	(844) 647-6214
Western				
	Keene	"(603) 757-7395 "	(603) 634-3099	(844) 647-6215
	Newport	(603) 757-7390	(603) 634-3099	(844) 647-6215
	Spare 1	(603) 757-7391	(603) 634-3099	(844) 647-6215
	Spare2	(603) 757-7393	(603) 634-3099	(844) 647-6215
Northern				
	Tilton	(603) 266-1315	(603) 634-2699	(844) 647-6213
	Chocoura	(603) 266-1318	(603) 634-2699	(844) 647-6213
	Berlin	(603) 266-1326	(603) 634-2699	(844) 647-6213
	Lancaster	(603) 266-1347	(603) 634-2699	(844) 647-6213
	Spare	(603)266-1313		
Centralized Wire Down/ Services		603-634-3277		
		603-634-3278		
		603-634-3287		

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Questions?