

e-Learning Program for First Responders: **firstresponder.ngridsafety.com** 



national**grid** 



### Smell Gas. Act Fast.

To report emergencies, call 911 and National Grid immediately.

In case of gas emergencies:

Massachusetts

1-800-233-5325 and 911

**Rhode Island** 

1-800-640-1595 and 911

**New York** 

Long Island and the Rockaways: 1-800-490-0045 and 911

Metro NY: 911 and 1-718-643-4050 Upstate NY: 1-800-892-2345 and 911

In case of electric emergencies:

**New England** 

1-800-465-1212 and 911

Upstate New York

1-800-867-5222 and 911

### **Our commitment**

As first responders, you face many challenges and put yourselves on the line every day to protect lives and property. You are the main defense between utility-related hazards and the public. It was with appreciation and respect for all you do that we conceived of our First Responder Utility Safety Training. Simply stated, we are committed to helping you ensure the safety of our customers and communities.

# Designed with first responders, for first responders

Our free training program was designed in cooperation with fire chiefs, safety trainers, educational experts and instructional design professionals. An advisory panel of chiefs and safety trainers throughout the Northeast has helped us understand your unique needs so we can continually improve our safety training program.

# Train to safely respond to utility hazards and more

National Grid's First Responder Utility Safety Training is a comprehensive curriculum that's dynamic, easy to use and effective. Benefits include:

- free utility safety training with no restrictions
- self-paced coursework that accommodates busy schedules
- professional development to satisfy your in-service training requirements
- certificates of completion for your training files.

# Discover user-friendly features for optimal training

The program's e-learning environment offers simple, straightforward navigation and helpful tools that enhance the learning experience.

- Easy-to-use navigation
- Visual aids to improve understanding
- Interactive important terms just click to see definitions
- Knowledge checks
- User notes
- Supplemental resources.

# Register and complete your online training today

To register, simply visit firstresponder.ngridsafety.com and complete the registration form. Once you create your user ID and password, you'll be granted access to the e-learning modules and resources. Then you will be ready to begin your utility safety training.

## IMPORTANT TERMS AND CONDITIONS – PLEASE READ

DISCLAIMER: National Grid is an electricity and natural gas delivery company serving customers in New York, Massachusetts and Rhode Island. This resource was developed solely for first responders in the National Grid service territory who support the communities served by National Grid. Accordingly, the information contained herein is intended for those first responders only. Although information and procedures contained herein may be applicable to your organization, some information and procedures may differ. If you are viewing this resource and you are from outside the National Grid service territory, we strongly recommend that you consult with your local energy provider as well as all local rules, regulations, procedures and protocols before applying this training or any portion thereof to your geographic area.

PLEASE SEE OUR TERMS AND CONDITIONS. The Terms and Conditions ("Terms") govern your use of this resource. Please read the terms in full before using this resource. By accepting these Terms, or by using this resource, you agree to be legally bound by these Terms. If you do not agree to these terms, please do not use this resource. We reserve the right to modify these Terms at any time without prior notice, and your use of this resource binds you to the changes made. We do occasionally update these terms so please refer to them in the future.





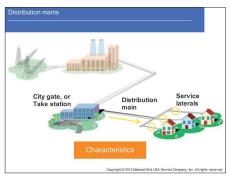


# First Responder Utility Safety Training Program

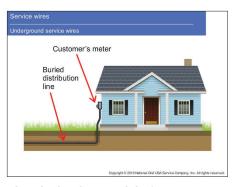
"This program represents a strong commitment by National Grid to provide critical information to first responders. The website is an interactive resource that equips first responders with electric and natural gas safety information that can make a real difference on the incident scene."

Brian P. Duggan, Veteran commander,
Northampton and Northborough Fire Departments,
Massachusetts





### Natural gas safety module 1: Gas distribution system



**Electrical safety module 2:** Electrical distribution system

### **Overview**

Whether natural gas or electricity are the source of an emergency or a contributing factor, it's critical to know basic facility characteristics as well as specific response tactics so that you can safely manage incidents – protecting yourself, your team and the public.

Our program consists of two courses of study: 1) Natural Gas Safety Certification and 2) Electrical Safety Training Certification. Each program was designed to have multiple modules that are self-directed, interactive and instructive for safely identifying and responding to incidents.

### Start with the basics

Within the first two modules of each course, you will learn the basic properties, characteristics and behaviors of natural gas and electricity; the equipment used to transport these energy sources; and the general precautions associated with electric and gas facilities.

Keep yourself, your team and the public safe. Register and complete



### Learn response tactics

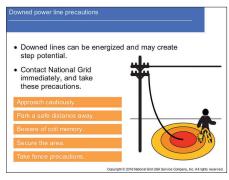
The next two modules of each course provide response tactics for the most common utility-related incidents. In the gas course, you'll learn how to respond to carbon monoxide events and natural gas leaks, fires and explosions. The electric course covers response tactics for downed power lines and fires involving transmission and distribution lines, substations and underground vaults.



**Electrical safety module 3:** Fires involving electrical facilities



Natural gas safety module 3: Carbon monoxide poisoning



**Electrical safety module 4:** Downed power lines

your online training today at firstresponder.ngridsafety.com.



"National Grid's utility safety e-learning program is engaging and accessible and the perfect length for first responders. The solar safety curriculum is especially valuable and needed in every community, as more solar power systems are being installed every day."

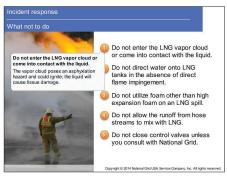
 Chief James G. McLaughlin, Warwick Fire Department, Rhode Island

### **Specialized training**

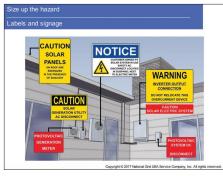
The final three modules of each course focus on some specialized gas and electric utility-related hazards.

In the gas course, you'll learn how to handle excavation-related damages to gas pipelines and incidents involving coal tar pipe wrap, gas odorant spills, gas pipeline liquids and manholes. The gas course also covers liquefied natural gas (LNG) facilities and LNG transport trailers.

Specialized training in the electric course covers PV solar technology and response tactics for incidents involving these systems.



### Natural gas safety module 6: Liquefied natural gas



### **Electrical safety module 7:**

PV solar system incident response tactics

Keep yourself, your team and the public safe. Register and complete



"The group training exercises featured on National Grid's Utility Safety website are a handy, effective training tool – I wouldn't change anything about them. They address some of the most common gas safety issues seen by the fire service, with clear operational guidance for responders. It's great that they can be printed and used offline as well as on the computer."

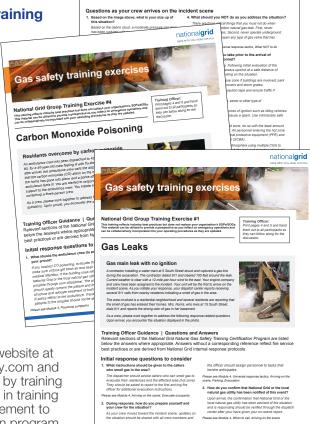
- Safety Officer David Juron, Westmere Fire Department, New York

# Natural gas group training exercises

Research with our advisory panel members revealed a need for training exercises that can be used in a group setting, away from the computer. Learning utility incident response tactics as a group enhances safety by ensuring consistency among the entire team.

Group training exercises cover the four most common natural gas-related fire service calls with real-world scenarios and Q&A learning practices. The training exercises are

downloadable from the website at firstresponder.ngridsafety.com and can be printed and used by training officers for personal use, in training seminars and as a supplement to the e-learning certification program.



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