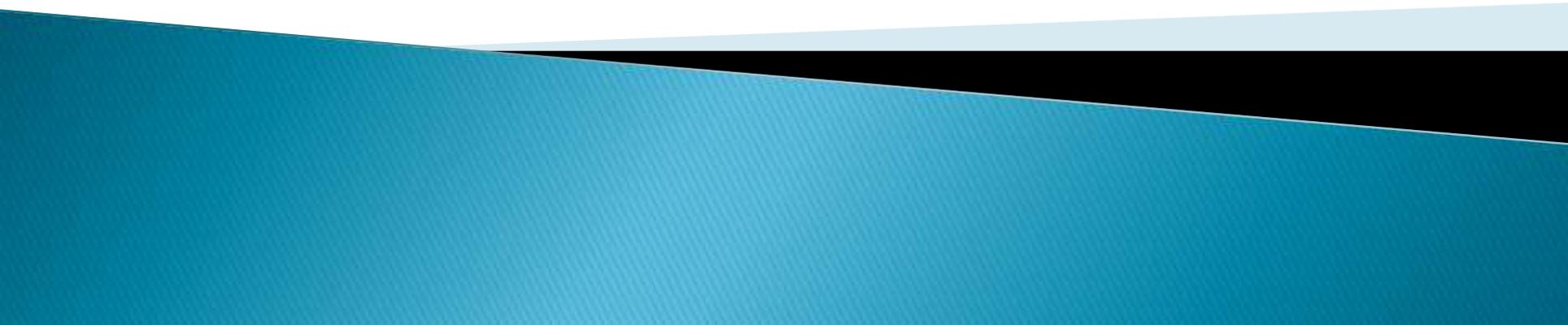


Mutual Assistance for District Energy

MADE



Mutual Assistance For District Energy

- ▶ Naturally occurring or man-made emergencies can be very disruptive and cause extensive damage to district energy systems.
 - ▶ Timely recovery from these system emergencies may require outside assistance from contractors and/or emergency crews to effect timely repairs.
- 

Mutual Assistance For District Energy



Are you ready?



Do you have enough people and resources?

Mutual Assistance For District Energy



Flooding Events



Where are the manholes?

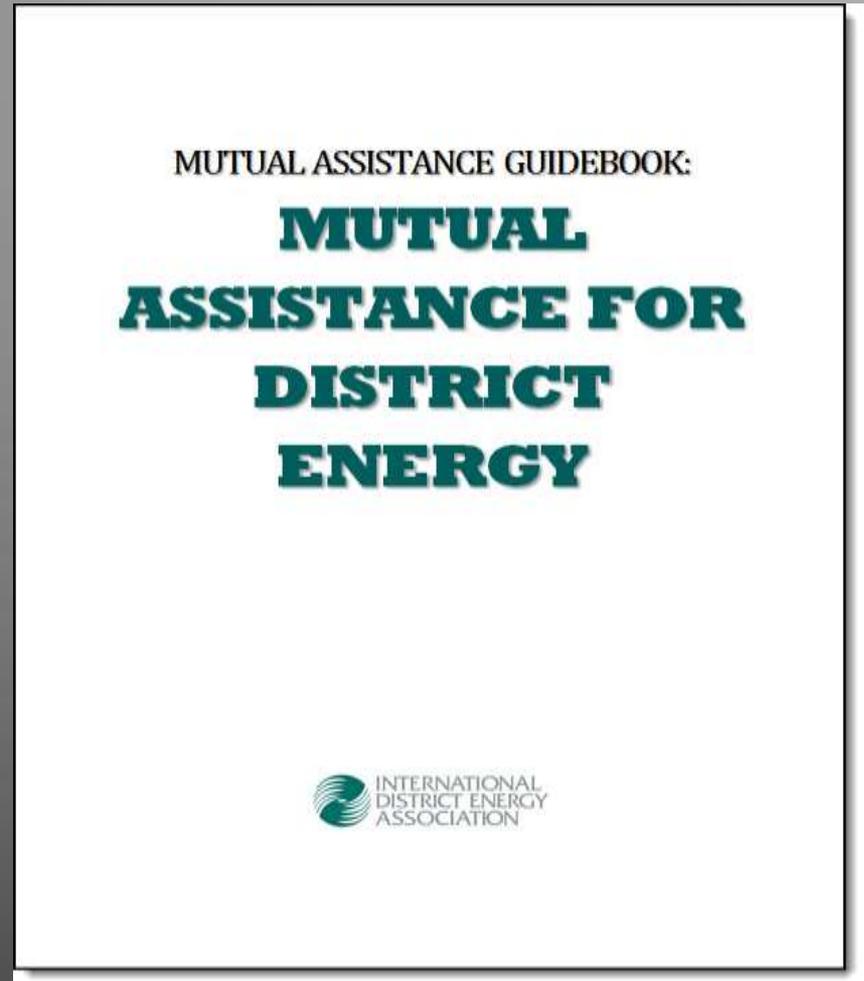
Mutual Assistance For District Energy



Terrorist Attack

Mutual Assistance For District Energy

- ▶ Mutual assistance plans have long been used by electric and gas utilities.
- ▶ IDEA has developed the Mutual Assistance for District Energy (MADE) program to provide a voluntary system for sharing trained personnel resources and emergency equipment among IDEA Member Organizations in the event of such disasters.
- ▶ <http://www.districtenergy.org/support-mutual>



MADE Plan

- ▶ Working reference
 - ▶ Administrative procedures
 - Cooperation Agreement
 - Annual Tabletop Exercise
 - Annual document review
 - ▶ Activation of assistance pursuant to the plan
 - ▶ Memorandum of Understanding (MOU)
 - ▶ Appendices
- 

Annual Exercise Objectives

- Identify roles and responsibilities within plan
 - Simulated conference call requesting assistance following catastrophic event
 - Responding organizations address request
 - Logistics Issues
 - Hot-Wash/Debrief
 - Survey
- 

Current MADE Members

- ▶ ConEdison
 - ▶ Citizens Thermal
 - ▶ NRG Energy Center Omaha
 - ▶ Thermal Energy Corporation – TECO
 - ▶ Veolia North America
- 

Executive Committee Members

- ▶ Robert Thornton – IDEA
 - ▶ Vincent Badali – Burns & McDonnell
 - ▶ Richard Boscarino – ConEdison
 - ▶ Patrick Davin – Veolia North America
 - ▶ Lenard Phillips – IDEA
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