Storm Response: 2011-2013
Lessons Learned-Next Steps
Power Restoration

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Regulatory Services Branch

- Community-Based Regulation Section
- Drinking Water Section
- Environmental Health Section
- Local Health Administration

Drinking Water Section Responsibilities

- Regulate 2,585 Public Water Systems
- Serve 2.7 million CT residents
- 96 systems serve over 1,000 people
- 4 systems serve over 100,000 people
- 461 systems serve under 1,000 people

Storms, Responses, Exercises

- Storm Irene - August, 2011
- Winter Storm Alfred - October, 2011
- Governor Malloy’s Two Storm Panel Final Report-January, 2012
- Super Storm Sandy - October, 2012
Storm Irene - August, 2011

- Strong Tropical Storm
- Torrential Rain - 7+ in.
- Gusty Wind - 60 mph, Bridgeport
- Nearly 800,000 Residents Lost Power
- Power Restoration - 8+ days in some areas

Community Water Systems Impacts

- 99% of CT residents retained their public water service
- Majority of large systems on shoreline lost street power; however maintained operations due to emergency generators
- 137 Small CWS on Boil Water Advisory (30%)
- Impacting 16,624 people

Storm Alfred - October, 2011

- Nor’easter
- Heavy, wet snow, up to 2 feet
- Leaves Still Intact on Trees
- Nearly 880,000 residents lost power
- Power Restoration -10+ Days in Areas

Community Water System Impacts

- 98% of CT residents retained their public water service
- Most CWS in northern half of CT lost street power; however maintained operations due to emergency generator power capacity
- 121 Small CWS on Boil Water Advisory (26%)
- 20,212 people impacted
**Governor Malloy’s Two Storm Panel**  
*September, 2011-January, 2012*

- STORM(State Team Organized for Review of Management)-Irene
- Following Alfred, expanded/renamed: Two Storm Panel
- Conducted 8 Days of Public Hearings/100 witnesses
- CT must do more to prevent, plan for and respond to emergencies and natural disasters
- More communication between town chief/emd/electric service provider-identify town restoration priorities
- Success of inter-agency, public-private Task Forces to be expanded.

**Storm Sandy - October, 2012**

- Category 1 Hurricane/ Winter Storm
- High Wind - 85 mph (Madison)
- Shoreline Evacuation - Storm Surge
- Nearly 600,000 Residents Lost Power
- Power Restoration - 6+ days in some areas

**Community Water Systems Impacts**

- 99% of CT residents retained their public water service
- Majority of large systems on shoreline lost street power; maintained operations due to emergency generators-duration of power loss
- 109 Small CWS on Boil Water Advisory
- Impacting 14,740 people

**Community Water System Impacts – cont.**

- Task Force - War Time v. Peace Time
- Priority Power Restoration - Not on the List
- Communication/Miscommunication Challenge - Remote site
CWS Ready to Maintain Operations in Emergency
Meaningful Steps to Prioritize Power Restoration

CWS to work with Electric Service Provider-identification as priority customer
Drinking Water State Revolving Fund-Small System Generator Funding
DPH to work with DEMHS to identify CWS as part of State Priorities for Restoration

WebEOC: CWS Board for Status Update
CWS-Municipal communications
EPA/FEMA Review of Generator Capacity/Needs

Questions?