<table>
<thead>
<tr>
<th>Section</th>
<th>Page</th>
</tr>
</thead>
<tbody>
<tr>
<td>Letter From the Chair</td>
<td>2</td>
</tr>
<tr>
<td>Introduction</td>
<td>3</td>
</tr>
<tr>
<td>About FRWG</td>
<td>5</td>
</tr>
<tr>
<td>Leadership</td>
<td>8</td>
</tr>
<tr>
<td>Results</td>
<td>9</td>
</tr>
<tr>
<td>2015 Year in Review</td>
<td>13</td>
</tr>
<tr>
<td>Programs &amp; Initiatives</td>
<td>16</td>
</tr>
<tr>
<td>New Trends and Solutions</td>
<td>20</td>
</tr>
<tr>
<td>FRWG Products &amp; Services</td>
<td>22</td>
</tr>
<tr>
<td>Partnerships</td>
<td>31</td>
</tr>
</tbody>
</table>
Dear Multi-State Fleet Response Stakeholders;

It continues to be an honor and a pleasure to serve as the chair of this very dynamic Multi-State Fleet Response Working Group (FRWG) for another year. The FRWG provides an opportunity to learn, educate and help in making effective change which is second to none. We are happy to announce the release of the FRWG’s 4th Annual Report for 2016!

Our partnerships continue to grow in both the public and private sectors allowing for open, honest, and respectful conversations to identify operational choke points that have been somewhat difficult in the past to discuss or resolve. These choke points are no longer limited to resource movement but have expanded to include information sharing; understanding why information is labeled as sensitive; education on how and why sectors do things a certain way; and much more.

On behalf of all of the members of the FRWG’s Executive Steering Committee, I would like to express our appreciation for the support the FRWG has received from the states, the private sector companies, the trade associations, the partners and the federal agencies who have all participated in the FRWG’s activities this past year.

As we move into another year, I am excited about the opportunities in front of us for 2016. Our sustained education and collaboration between the government and industry operations professionals continues to integrate disaster management and business continuity planning, training and exercises which serves everyone across the region.

As any of us in emergency preparedness know, we can anticipate that there will be old and new challenges ahead. Yet I have never been more confident that we will work through any obstacles together and jointly develop safe and legal long term solutions to address them all.

Thank you again for your interest and support.

Respectfully,

John L. Shaner
Chair
Multi-State Fleet Response Working Group
For those who are new to the FRWG, it is important to understand how and why the FRWG was created. Let’s step back in time for a minute.

On August 26, 2011 Hurricane IRENE, a Category 1 hurricane, made landfall in North Carolina and moved northward along the East Coast impacting North Carolina, Virginia, Maryland, New Jersey, Delaware, New York, Connecticut, Rhode Island, Maine and Vermont. There was wind damage in coastal North Carolina, Virginia and Maryland with moderate to considerable damage from falling trees and power lines, while flooding caused extensive damage across New Jersey, New York and Vermont. Over seven million homes and businesses lost power during the storm. Numerous tornadoes were also reported. During the electric sector’s emergency response, the same persistent operational delays occurred that stemmed back to KATRINA and WILMA.

In December 7, 2011, after repeated appeals from the private sector, DHS OIP (Office of Infrastructure Protection) brought a small group of public and private sector stakeholders together in Philadelphia, PA to discuss these delays and possible approaches to fix them. Additionally, DHS OIP invited the All Hazards Consortium and a couple of its states to participate in the meeting since many of these delays occurred at the state level where the federal government has little control. It was agreed that the initial approach would start with a few issues and states, develop successes, and then expand to more states and issues.

Hosted by PECO Energy, this workshop brought together over 60 attendees from DHS OIP, the states of Pennsylvania and New Jersey, the All Hazards Consortium (AHC), and the private sector (e.g. Electric, Telecommunications, Retail, Finance, and Information Technology).

Beginning with a list of emergency response choke points provided by the electric sector’s Southeastern Electric Exchange (SEE), the group discussed and prioritized over a dozen issues with the top issue being private sector fleet & resource movements across state lines.

Following the workshop, in January 2012, the private sector asked the AHC to help support the effort with the states. A Steering Committee was quickly formed with representatives from PEPCO Holdings Inc (PHI), Verizon, New Jersey Office of Homeland Security & Preparedness and Bank of America. This group began working on a charter for the working group, an annual work plan, and possible short, mid and long-term solutions to the resource movement issue.

In July of 2012, the AHC’s Board of Director’s annual meeting was held at PEPCO Holdings Inc. and included a planning meeting with multiple states and operational leaders from the electric, telecom, food, and fuel sectors. This meeting produced a joint agreement to form a Regional Integrated Planning and Governance Framework which would provide the legal, policy, and process framework to build trusted operational relationships over time.
SANDY struck the East Coast in October of 2012.

In January 2013, the Multi-State Fleet Response Working Group (FRWG) was officially formed and chartered as a working group of All Hazards Consortium (AHC) but controlled and managed by private sector. The public sector formed the East Coast Corridor Coalition (EC3) working group to work alongside the FRWG but be controlled and managed by the public sector. The rest is history.

There are several operating principles that have developed within this integrated planning framework:

1. As far as emergency response, we are all in this together, both public and private sectors, to get our communities, states, regions and nation back to normal as soon as possible while being safe and legal.
2. Solutions need to become part of normal operating practices that removes impacts to both public and private sectors that can be used in any size of an event (small to catastrophic).
3. Situational Awareness and information sharing of operational information helps emergency response efforts to get our communities back to normal with limited post event consequences. Additionally, understanding the purpose of the information and its statistical reliability needs to be understood by all stakeholders involved.
4. Operational information sharing should be designed to improve coordination between federal/state/private organizations and be applicable to disaster response/restoration along with cyber and physical security.
5. Finally, if needed changes are to occur, we must collectively agree to have a clear vision for where we want to be and a clear understanding of how the rewards outweigh the perceived risks we all face.

This Fleet Response Working Group is a rare occurrence and should be recognized as an example of how public and private sectors can work together “operationally” to quickly produce results when the right integrated planning framework is provided.
What is the Fleet Response Working Group?

The Multi-State Fleet Response Working Group (FRWG) is a private sector managed working group of the All Hazards Consortium (AHC), a 10 year old state sanctioned 501c3 non-profit organization focused on expediting getting business back to business and communities back to normal following any type of multi-state storm, disaster, or disruption of the critical infrastructure.

Separately chartered, the FRWG works with states to enhance public/private planning, exercises, education, training and to produce operational solutions that impact both government and industry across multiple sectors including energy, telecommunications, transportation, water, health, retail, information technology, lodging, and finance.

Vision

The vision of the FRWG is more resilient communities, businesses and critical infrastructures that provides the foundation to them all... getting business back to business and communities back to normal following disasters.

Why We Exist?

The FRWG exists to create a new approach to addressing complex, persistent public/private issues in disaster management, business continuity, and cyber security.

- Business, community & economic resilience after disasters still requires operational coordination, communication and preparation between industry and government
- Multi-state disasters continually expose operational gaps related to many factors;
  - Resource movements
  - Regulations
  - Communications
  - Coordination
  - Situational awareness
  - Information Sharing
  - Coordinated decision making
- Regional, multi-state issues are difficult to address;
  - Organizational silos still exist
  - States experience constant challenges of limited resources and leadership turnover from elections and retirements
  - States focus their limited resources on issues within their geographical borders while most of their critical infrastructure is operated by private sector organizations who operate across multiple states
  - Industry tends to focus on their individual businesses or sector and has difficulty planning with multiple states effectively
  - Networks of critical infrastructure cross multiple state lines, even national borders
- Public and private sector organizations conduct most of their business, planning/exercises, response and recovery efforts separately
- Large regional, multi-state disasters continue to expose gaps and shortfalls in public/private operational coordination and information sharing
- New approaches are needed that respect state and corporate sovereignty while allowing for sustained joint pre-disaster planning, exercises, information sharing and solution development.

It is in this environment the Multi-State Fleet Response Working Group (FRWG) was established in 2013 (at the recommendation of the states and urban areas of the All Hazards Consortium) as an independent entity guided by private sector representatives from multiple sectors along with government advisers from emergency management, transportation, law-enforcement, public health, communications, regulatory, public policy, and the executive branches.

The purpose of the FRWG is to support efforts and organizations that can help expedite getting business back business following any type of multi-state storm, disaster, accident or disruption.
What We Do

The FRWG supports government and industry efforts to help businesses respond and recover faster from disasters and/or disruptions by doing the following:

1) Expedite Regional Fleet Movement, Supply Chain Restoration and Logistics
   - Persistent regional storms/disasters disrupt power, supply chain logistics & resources movement;
   - Private sector resource movements often experience delays when crossing state lines and the US/Canadian border;
   - Multiple delays can slow power restoration efforts, increase risks, & cost lives;
   - Lack of coordination, slow documentation, and lack of a regional common operating picture hampers decision makers.

   The FRWG resolves operational issues during disasters via expediting operational processes & information flow; centralizing documents; and connecting decision makers together with information during multi-state storms, disasters & disruptions.

2) Enhance Situational Awareness & Sensitive Operational Information Sharing
   - Situational awareness is difficult during multi-state incidents;
   - Multiple agencies and companies don’t always have a common view of what is happening (situational awareness) or who is doing what (common operating picture);
   - Sharing sensitive operational information with government is required during disasters;
   - Cyber security requires strong “identify” vetting and management to ensure trusted information sharing between parties;
   - A proven trust framework for information sharing is needed that addresses the legal, policy, process and technical concerns while supporting trusted operational information sharing among vetted participants.

   The FRWG and its partners are leveraging national standards and best practices from the US Defense Industrial Base to develop new tools and processes to share sensitive operational information. This work is being guided by the FRWG’s SISE (Sensitive Information Sharing Environment) Working Group.

3) Create Sustained Access to Government and Industry Operational Experts
   - Knowing the right people to contact during a disaster is critical to busy executives and decision makers.

   The AHC and FRWG’s “trusted circle” of public and private sector leaders has been built over the past 10 years and provides FRWG members access to a growing network of operations professionals across the US and Canada.

4) Facilitate Cross Sector Coordination
   - During regional events, many sectors reply upon power, water, food, fuel, retail, finance, communications, and transportation for their response/recovery efforts;
   - Coordinating with the various supply chains is critical for effective response and business continuity.

   The FRWG facilitates an ongoing planning and disaster response process that improves communications & coordination between multiple states and multiple sectors via expedited information sharing and operational solutions produced from exercises and planning.
What Are FRWG 2016 Objectives?

The FRWG will continue to focus on short, mid and long-term operational solutions during 2016 in:

1) Operations
   • Continued development of operational solutions to expedite disaster logistics and communications
   • Develop disaster help desk services
   • Expand base of participating government and industry stakeholders
   • Leverage existing tools and resources while exploring new technologies and partnerships

2) Education
   • Sustain ongoing education efforts to create shared perspectives in order to coordinate actions during disaster response
   • Develop education and training programs that connect and integrate disaster management and business continuity professionals and their processes

3) Sensitive Operational Information Sharing
   • Operationalize the SISE (Sensitive Information Sharing Environment)
   • Expand the circle of trusted data providers and users to enrich operational information sharing
   • Continue development of operational “Uses Cases” to compartmentalize people and information to expedite decision making at the regional level

4) Planning & Exercises
   • Sustain the Regional Integrated Planning Framework & Working Groups
   • Integrate and coordinate government and private sector exercises
   • Develop common “sector” based injects and modules that can be used by any organization in their exercises

5) Partnerships
   • Continue to identify and formalize strategic relationships that add capability and resources
   • Leverage government and industry investments through operational and technical partnerships
   • Implement 2016 AHC/FRWG Membership Model to meet sustainment objectives

Underlying these objectives is the FRWG’s guiding principles which help prioritize and define our efforts and solutions:

• Always have long-term sustainability in mind
• Support the integration of public/private sector planning, exercises and business continuity efforts to “expedited” disaster recovery in the lifeline sectors
• Expedite the ability to obtain and/or share critical, sometimes sensitive operational information needed in a disaster
• Build trusted operational relationships
• Keep things simple, produce operational benefits, and track results
• Look for the short, mid and long-term solutions for each operational issue
• Continue to look for solutions that do not require government declarations/waivers
Leadership

Who We Are

The FRWG is comprised of public and private sector operations professionals from across the United States and Canada. Working together through integrated working groups and committees, the FRWG provides an environment for unfiltered conversations between government and industry on specific operational issues that impact multiple industry sectors.

Public-sector advisors provide valuable perspectives and information via a year round planning into a year-round planning process which serves as a catalyst in the production of real world operational solutions that positively impact all stakeholders.

Executive Steering Committee Members

- Rob Rock, Bank of America, Business Continuity Programs
- Jim Caverly, Former DHS Infrastructure Protection, Retired
- Jim Nowak, ARCONS, Director Utility Services
- John Shaner, Retired PHI Holdings Inc., Emergency Preparedness Manager NERC
- Kent Kildow, Verizon Operations, Chief Business Continuity Officer
- Scott Smith, Southeastern Electric Exchange, Assistant Director
- Aaron Strickland, Georgia Power/Southern Company, Emergency Operations Director
- Mike Ambrosio, Wakefern Foods, Vice President, Quality Assurance
- Bill Robinson, PBF Energy, Superintendent Plant Security
- Joe Picciano, Retired, NJ Office Homeland Security & Preparedness, Self Employed
- Carlos Torres, ConEd, Vice President Emergency Management
- Bill Keibaugh, PECO, Director EM Services
- Tony Hurley, First Energy/NJ Power & Light, Vice President Operations
- Steve Poupos, AT&T Services, Director Business Continuity & Emergency Preparedness & Planning
- Rodney Cooper, Sprint Emergency Response Team, Manager, North Region
- Rob Stewart, PEPCO, Manager, New Business Advanced Technology
- Glen Aichinger, National Grid, Manager-Electric Emergency Planning
- Patrick Weyers, American Electric Power, Strategic Initiatives Lead

Public Sector Advisors

The FRWG is advised by government operational professionals from:

- Canada Border Services Agency Manager, National Border Operations Centre
- Delaware Department of Transportation/ E-ZPASS
- Virginia Office of the Secretary of Public Safety and Homeland Security
- Virginia Office of Emergency Management
- New Jersey Office Information Technology
- New York City Office of Emergency Management
- Ben Strong, New York City Office of Emergency Management
- Texas State Health Department
- Texas Governor’s Office
- Pennsylvania Emergency Management Agency
- Pennsylvania Turnpike Commission
- Maryland Department of Transportation
- Maryland Department of Emergency Management
- Maryland Governor’s Office
- District of Columbia Department of Homeland Security & Emergency Management
- North Carolina Department Emergency Management
- North Carolina Department of Public Safety
- West Virginia Office of Emergency Management
- Delaware Office of Emergency Management
- DHS National Protections Programs Directorate (NPPD)
- FEMA Region III, II, I, IV, V, VI
- FEMA Headquarters

SISE Working Group

The SISE (Sensitive Information Sharing Environment) Working Group is comprised on FRWG companies and state/local government advisors including:

- NYC Office of Emergency Management
- Baltimore UASI
- ARCONS
- Verizon Operations
- New Jersey Office of Homeland Security & Preparedness
- Wakefield Food Corporation
- Rutgers University
- West Virginia Department of Military Affairs and Public Safety
- District of Columbia Department of Homeland Security & Emergency Management
- Pennsylvania Emergency Management Agency
- Northern NJ-Newark/Jersey City UASI
- Delaware Emergency Management Agency
- Southeastern Electric Exchange
- Georgia Power/Southern Company
- New Jersey Office Information Technology
- Texas State Health Department
- Maryland Department of Transportation
- Maryland Department of Emergency Management
- FEMA Region III
- New Jersey Office of Homeland Security & Preparedness
- Pennsylvania Governor’s Office of Homeland Security
- Maryland Fusion Center (MCAC)
- District of Columbia Fusion Center
- Philadelphia Office Emergency Management
- New Jersey Fusion Center
- Virginia Office of the Secretary of Public Safety and Homeland Security
- Virginia Department Emergency Management
- West Virginia Division of Homeland Security & Emergency Management
- PSEG
- PEPCO
- PEPCO Holding Inc.
- Exelon / PECO
- First Energy / JCPL
- Central Hudson Gas & Electric
- Verizon
- Con Edison
- Edison Electric Institute
- Pennsylvania Public Utility Commission
- New Jersey Public Utility Commission
Operational Results

In 2015, the FRWG continued to produce and refine operational solutions that address numerous issues and requirements generated by its stakeholders in the areas of:

► Improved Disaster Response Coordination – STORM Central

- FRWG centralized and expedited disaster document flow with multiple states and private sector during disasters (e.g. declarations, waivers and guidance) via its new STORM Central website
- FRWG improves operational coordination & reduces delays via multi-state fleet movement coordination process with states

► Increased Regional Situational Awareness

- FRWG provided alerts and updates between states/locals and private sector to support private sector mutual assistance during disaster responses
- FRWG provided access to state declaration/waiver documents, weigh station guidance, fleet movements, resource availability, weather, and more.. across 25+ states and Canada via its Disaster Response Tools
- FRWG tested a new decision support tool to get public/private decision makers on the same page at the same time during multi-state disasters/disruptions via new geospatial disaster dashboard and portal technologies
Facilitated Regional Planning Framework

- FRWG conducted joint workshops & tabletop exercises with government and industry
- FRWG cross-walked industry plans with state government plans
- FRWG assisted federal government with private sector operational coordination during 2015 storms
- FRWG sustained the operational planning and exercises between state, FEMA and industry via the Integrated Planning and Governance Framework

Cyber Security & Operational Information Sharing

- FRWG continued the development of the SISE (Sensitive Information Sharing Environment) for enhanced decision making and operational information sharing to include:
  - Ongoing Use Case development by sector
  - Vetted identities of stakeholders for increased Cyber security
  - Legal, policy, process and technical mechanisms to share information
- FRWG facilitated the public/private SISE working group that creates standards and processes to be used for sensitive information sharing
- Developed new partnerships with federal agencies for Cyber identity management, data set integration, standards development and process re-engineering
Business Issues Being Resolved

Since the beginning, FRWG stakeholders have been focused on identifying and prioritizing operational issues to be addressed. The FRWG’s process then begins to develop short-, mid- and long-term solutions for each issue. These solutions are jointly developed by public and private sector stakeholders, tested in virtual exercises, and then operationalized in the next storm or disaster.

Following the storm or disaster, the solution(s) is then refined to address real world conditions and then tested again. This testing/refining process continues along with the documentation and legal/policy work that is needed to institutionalize the solution into formal operational procedures. Below is a listing of some of the prioritized issues and solutions that are at various stages of the refining process.

► Validated FRWG Member Operational Issues:

- How do we avoid costly delays at state toll and weigh stations for our mutual assistance crews, suppliers and contractors in their response efforts?
- Where do we go to track down individual state declarations, waivers and other information to give to our drivers in case they need documentation when outside their normal operating state?
- How do we find the appropriate government contacts in state & local governments to assist us w/operational issues when we are out of our home state?
- Where do we go to get a regional “common operating picture”, share operational information securely, and coordinate with multiple states and other sectors during disasters?
- Where can our contractors find fuel, food, medications, housing & other resources when they are deployed across the US in disaster impacted areas where power is out?
- What is each state’s transportation requirements for fleet entrance and pass through of the state?
- Where do we plan and exercise with multiple states?

► Solutions Developed by FRWG Members & State Advisers:

- The FRWG has reduced delays at US/Canadian Border from 2hrs/truck to 20 seconds/truck using the US/Canadian Border Crossing process developed in 2013
- The FRWG worked with states to create several solutions that have reduced/eliminated delays in E-ZPASS toll stations and state weigh stations
- The FRWG has improved transportation, communications, and coordination between multiple states with planning, drills and exercises via the CATEX exercises and the Fleet MOVE service
- The FRWG Help Desk centralizes state declarations, waivers and guidance in a single place using the STORM Central website solution
- The FRWG maintains an operational contacts directory which expedites communications between industry and government operations professionals to resolve fleet movement issues during response efforts
- The FRWG is developing a simple “Regional Disaster Dashboard” with NOAA and NASA to centralize information “visually” to provide a multi-state common operating picture for decision makers
- FRWG members can access additional member services that provide “live” access to essential service providers of food, fuel, hotels, pharmacies and other locations nationwide via the Fleet Open/Closed Service
Cross Sectors Benefits

Based on past experiences, the private sector relies on both government and other industry sectors for their day-to-day operations and disaster response. The FRWG recognized this early and invited operational representatives from multiple sectors to participate in its leadership and advisory pool. The FRWG continues to develop requirements and solutions that can be applied to multiple sectors. Many of the FRWG’s Disaster Response Tools that have already been developed can be used by other sectors with little to no changes.

<table>
<thead>
<tr>
<th>Solution</th>
<th>Electric Sector</th>
<th>Telecom Sector</th>
<th>Food Sector</th>
<th>Fuel Sector</th>
<th>State Local Gov’t</th>
<th>Additional Sectors</th>
</tr>
</thead>
<tbody>
<tr>
<td>Disaster Tools Webpage</td>
<td>X</td>
<td>X</td>
<td>X</td>
<td>X</td>
<td>X</td>
<td>X</td>
</tr>
<tr>
<td>Canadian Border Crossing Process</td>
<td>X</td>
<td>X</td>
<td>X</td>
<td></td>
<td>X</td>
<td>X</td>
</tr>
<tr>
<td>Expedited E-ZPass Toll Process</td>
<td>X</td>
<td>X</td>
<td>X</td>
<td>X</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Energy Liaison Guide For States</td>
<td>X</td>
<td>X</td>
<td>X</td>
<td>X</td>
<td></td>
<td>X</td>
</tr>
<tr>
<td>FEMA Regional Contact Directory</td>
<td>X</td>
<td>X</td>
<td>X</td>
<td>X</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Hours of Service Exemptions</td>
<td>X</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>NOAA Weather Agreement</td>
<td>X</td>
<td>X</td>
<td>X</td>
<td>X</td>
<td>X</td>
<td>X</td>
</tr>
<tr>
<td>Regional Fleet Movement Coordination Process</td>
<td>X</td>
<td>X</td>
<td>X</td>
<td>X</td>
<td></td>
<td>X</td>
</tr>
<tr>
<td>US-Department of Transportation Resources</td>
<td>X</td>
<td>X</td>
<td>X</td>
<td>X</td>
<td></td>
<td>X</td>
</tr>
<tr>
<td>RMAG FRWG Engagement Guidance Activation Process</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td>X</td>
</tr>
<tr>
<td>Individual State Fleet Movement Requirements</td>
<td>X</td>
<td>X</td>
<td>X</td>
<td>X</td>
<td></td>
<td>X</td>
</tr>
<tr>
<td>NEW AHC/FRWG Member Portal (under development)</td>
<td>X</td>
<td>X</td>
<td>X</td>
<td>X</td>
<td></td>
<td>X</td>
</tr>
<tr>
<td>NEW SISE Portal for Sensitive Information Sharing (under development)</td>
<td>X</td>
<td>X</td>
<td>X</td>
<td>X</td>
<td>X</td>
<td>X</td>
</tr>
</tbody>
</table>
## Significant Conferences, Meetings & Events

<table>
<thead>
<tr>
<th>Date</th>
<th>Meetings, Conference Calls, and Events</th>
<th>Brief Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>QTRLY</td>
<td>Electric Sector Executive Briefings</td>
<td>Quarterly updates to regional electric sector executives on the progress of the FRWG</td>
</tr>
<tr>
<td>01/13/15</td>
<td>EC3 Bi-annual Meeting</td>
<td>Bi-Annual EC3 Leadership Meeting</td>
</tr>
<tr>
<td>01/14/15</td>
<td>FRWG 3rd Annual Meeting</td>
<td>FRWG Third Annual Meeting at the Headquarters of PECO Energy in Philadelphia, PA.</td>
</tr>
<tr>
<td>01/28/15</td>
<td>Storm Activation</td>
<td>Regional Coordination – NE, PA, &amp; NC Snow Storm. Activated for snow storm and resource movement</td>
</tr>
<tr>
<td>01/01/15</td>
<td>Fleet Open/Close App</td>
<td>The FRWG releases the new FLEET OPEN/CLOSED app which identifies, locates, and routes crews suppliers and contractors to open businesses that sell fuel, food, medical supplies, hotel rooms, and related essential services</td>
</tr>
<tr>
<td>02/01/15</td>
<td>New Radio Show/Podcast “Disaster Resilience in America”</td>
<td>The AHC/FRWG launched a weekly radio show / podcast entitled, “Disaster Resilience for America” which interviews leaders from all levels of government &amp; private sector on ways to improve organizational resilience, share best practices, provide expertise, and protect our nation.</td>
</tr>
<tr>
<td>02/17/15</td>
<td>Storm Activation</td>
<td>Regional Coordination - NC/VA Ice Storm. Public sector shared waivers and exemptions in preparations for an ice storm.</td>
</tr>
<tr>
<td>04/01/15</td>
<td>Cyber Identity &amp; Access Workshop</td>
<td>A one day workshop was held with multiple states and electric sector companies to focus on sensitive operational information sharing within the Sensitive Information Sharing Environment (SISE) Working Group</td>
</tr>
<tr>
<td>May 2015</td>
<td>Edison Electric Institute National Response Event (NRE) Exercise</td>
<td>The AHC/FRWG provided public sector observers to attend the Edison Electric Institute’s National Response Event (NRE) Exercise in Texas to explore ways to improve communications, coordination and information sharing with states.</td>
</tr>
<tr>
<td>05/06/15</td>
<td>North Atlantic Mutual Assistance Spring Conference (Electric)</td>
<td>AHC / FRWG attended the NAMA conference to provide updates to electric sector utilities in the North East US and Canada.</td>
</tr>
<tr>
<td>07/22/15</td>
<td>FEMA Region III Exercise</td>
<td>FRWG participated in FEMA Region III multi-sector tabletop exercises to explore ways to improve communications and coordination on regional fleet movement during disasters</td>
</tr>
<tr>
<td>07/27/15</td>
<td>AHC Board of Directors Summit</td>
<td>2015 Annual Board Meeting was held in Washington, D.C. at PEPCO to discuss long term plans for the organization.</td>
</tr>
<tr>
<td>07/28/15</td>
<td>Mid-Year EC3, FRWG Meeting at AHC Board Meeting</td>
<td>EC3 and FRWG working groups met with AHC Board of Directors to discuss 2016/2017 plan for integrated planning, exercises, mutual assistance, cyber security, information sharing and partnerships</td>
</tr>
<tr>
<td>07/29/15</td>
<td>Homeland Security Studies and Analysis Institute</td>
<td>Regulatory Environment Analysis Advisory Group Kickoff Meeting for DHS to explore ways to improve regulatory waivers and related processes</td>
</tr>
<tr>
<td>08/28/15</td>
<td>Storm Activation</td>
<td>Regional Coordination – FRWG was activated for Tropical Storm Erika for Florida Utilities.</td>
</tr>
<tr>
<td>09/28/15</td>
<td>FEMA Region III Papal Visit Activation</td>
<td>FRWG activated its Virtual Help Desk in standby mode to support FEMA Region III in case any issues developed during the Pope's visit in late September 2015</td>
</tr>
<tr>
<td>10/04/15</td>
<td>Storm Activation</td>
<td>Activated during Hurricane Joaquin in early October 2015.</td>
</tr>
<tr>
<td>10/26/15</td>
<td>North Atlantic Mutual Assistance Fall Conference (Electric)</td>
<td>Canadian/US Border Crossing panel discussion with NAMA conference in Toronto, Canada to explore to explore issues and solutions with US/Canadian Border Crossing process</td>
</tr>
</tbody>
</table>
While 2015 seemed to be a relatively quiet year for weather-related events compared to previous years, there was consistent activity involving emergency response efforts occurring almost on a daily basis at some level across the U.S. Learn more at: [https://www.ncdc.noaa.gov/sotc/national/201513](https://www.ncdc.noaa.gov/sotc/national/201513)

NOAA Summary on Tornadoes, Hail and Winds
2015 Atlantic Hurricane Season

The 2015 Atlantic hurricane season was a slightly below average season featuring eleven named storms, in which four reached hurricane status. It officially began on June 1 and ended on November 30. These dates historically describe the period each year when most tropical cyclones form in the Atlantic basin. However the first named storm, ANA, developed nearly a month before the official start of the season, the first since 2012’s BERYL and the earliest since 2003’s ANA. The season ended with the dissipation of KATE 18 days before the official end.

According to ACE Indices, with a low number of a three-year period of 2013–15, it signaled the possible end to the active phase of Atlantic hurricane activity which began in 1995. Due to a strong El NIÑO event, most agencies predicted that only 6–10 tropical cyclones would develop; however, the number of tropical cyclones that developed this season exceeded this prediction.

Most storms remained weak, in which they affected few land masses. Tropical Storm Bill affected Texas during mid-June and remained over land for a few days which caused extreme flooding. In August, despite a strong El NIÑO becoming evident, eight systems continuously developed, most of which formed near and affected the Cape Verde Islands. ERIKA affected the Lesser Antilles and was known for the worst natural disaster in Dominica since Hurricane DAVID in 1979 with 36 total fatalities and damages of more than $500 million, while FRED became the first hurricane to strike the Cape Verde Islands in over a century. A month later, in late-September, JOAQUIN developed and strengthened into a Category 4 major hurricane and caused historic flooding in South Carolina along with major impacts to the Bahamas and Bermuda with damages around $60 million and a similar number of attributable deaths as ERIKA. HENRI and KATE’S remnants affected Europe in September and November, respectively.

2015 Sets a New Record for Category 4 and 5 Hurricanes & Typhoons

As indicated by the data below, 2015 set new records for Category 4 and 5 Hurricanes and Typhoons in the Pacific.

The 2015 East Pacific hurricane season had 18 named storms, including 13 hurricanes, nine of which became major. This is the first year since reliable record keeping began in 1971 that the eastern Pacific saw nine major hurricanes. The Central Pacific also saw an above-average tropical cyclone season, with 14 named storms, eight hurricanes, and five major hurricanes, the most active season since reliable record-keeping began in 1971. Three major hurricanes (Ignacio, Kilo and Jimena) were active across the two adjacent basins at the same time, the first time this occurrence has been observed.

Two major hurricane records were broken in the East Pacific basin during 2015. Hurricane Patricia was the strongest hurricane on record in the Western Hemisphere with maximum sustained winds of 200 mph and a central pressure of 879mb. Hurricane Sandra, which formed at the very end of the season in November had maximum sustained winds of 145 mph and was the strongest hurricane in the East Pacific so late in the year. The remnants of several East Pacific tropical cyclones made their way into the contiguous U.S. during the year, bringing flooding rains to parts of Southern California, the Southwest, and the Southern Plains.
FRWG Programs

1) Disaster Response Operations:

   Operational Information Sharing
   • Centralizing of State Emergency Declarations, Waivers & Guidance
   • Disaster Response Tools & Contact Directories
   • Regional Alerts For Situational Awareness
   • “Open/Closed” App Essential Service Providers in Private Sector During Power Outages

   Expedited Logistics Processes
   • Facilitating Multistate Fleet Movement Coordination Process with States
   • Expediting US/Canadian Border Crossings
   • Expedited Movement Through E-ZPASS Toll Stations & State Weigh Stations

   Regional Virtual Private Sector Help Desk
   • Operational alerts, updates and conference calls for decision support
   • Virtual problem solving w/states to resolve specific issues (e.g toll/weigh stations)
   • Trade association support for regional situational awareness
   • Disaster resource location assistance to find critical resources

2) Planning & Exercises

   • Facilitating joint exercises between government and industry for operational gaps, solution development, testing, evaluation and deployment
   • Facilitating planning meetings w/private & public sector executives to improve education, share perspectives and coordinate actions during preparedness, response and recovery efforts

3) Education / Training

   • Aggregate educational webinars and materials from partners that improve awareness and common understanding on FRWG issues
   • Speak at public and private sector leadership events to educate industry and government stakeholders and garner their support for the FRWG

4) Develop Operational Solutions

   • Ongoing development of short, mid and long term solutions to FRWG operational issues
   • Formalize operational partnerships that address specific FRWG needs
   • Ongoing development of the SISE (Sensitive Information Sharing Environment), a regional trust framework to support sensitive operational information sharing with industry and government based on sector focused “use cases”
   • Facilitate and leverage federal R&D resources and technologies to develop technical solutions w/ FRWG members for Cyber/Identity management, information sharing and decision support

5) Business Continuity Plan Validation

   • Cross walk industry Business Continuity Plans (BCP) with state response plans to resolve BCP plan gaps/conflicts.
6) Develop Smartphone Apps
   • For improving mobile situational awareness and decision support during disasters

7) Development of a Disaster Resource Repository
   • A managed directory of people and resources needed during disasters

8) Regulatory De-Confliction Workshops
   • Meetings designed to promote education and reduce legal and financial impacts of regulation

9) Operational Planning & Training Program
   • Programs for improved disaster response & business continuity planning and training with government and industry

10) Government Data Partner Development Program
    • Designed to leverage additional resources and data sets in support of operational information sharing, adoption of standards, and future use case development

11) Joint Public/Private Exercises
    • Designed to coordinate and/or integrate private and public sector exercises and develop sector based, real world scenarios and injects to identify issues, test solutions and coordinate plans and response efforts

12) AHC / FRWG Member Directories
    • Developed specific operational directories of people and critical resources when dealing with regional (multi-state) issues to be sued for expediting response efforts and leverage numerous directories and resources already developed

Education and Training

Education and training is a fundamental part of the FRWG’s mission.

The dynamic nature of the FRWG requires constant information and education to a growing and changing stakeholder base nationwide. The FRWG creates its own education materials and leverages its partner’s materials and training as well.

• Educational products already produced are located at http://www.fleetresponse.org/resources/education/
• Webinars are located at http://www.fleetresponse.org/resources/webinars/
Current Initiatives

The AHC / FRWG Membership Program

• New for 2016, a low cost subscription model that provides long-term sustainment for the FRWG for government, operators and solution providers

1) Expediting Private Sector Fleet/Resource Movement Across State Lines

• The National Association of Fleet Managers (www.nafa.org) is working with the FRWG and the Edison Electric Institute (EEI) on a long term solution for expediting fleets/resources in all sectors across state lines
• The state advisers to the FRWG are working on a new opportunity to further integrate states and FEMA with the FRWG’s Fleet Movement Coordination Process as part of the EC3 (East Coast Corridor Coalition) Working Group’s efforts with FEMA and the National Emergency Managers Association

2) Sensitive Information Sharing Environment (SISE)

• The FRWG will continue to evolve the Secure Information Sharing Environment (SISE) initiative designed to operationalize a legal trust framework and information access procedures to support the private sector’s interest in sharing sensitive operational information with government and other sectors to resolve specific operational issues

3) Regional Concierge Help Desk Services

• A new regional private sector Operational Help Desk capability provides several tiers of service and will provide a wide variety of capabilities to connect decision makers, resolve operational issues with participating states, and provide access to resources during and after disasters including:
  • E-ZPASS toll program facilitated enrollment, account management and problem resolution
  • Real-time centralized access to regional transportation data and video information as produced for regional situational awareness
  • Integrate state law enforcement data feeds

4) The AHC/FRWG Regional Disaster Dashboard

• A new decision capability developed through a partnership with NOAA and NASA and that allows government and industry decision makers to collaborate, to get on the same page at the same time, using a geospatial visual dashboard that merges sensitive and non-sensitive data from different sources/systems

5) Regional Fleet Movement, Operations Support Matrix

• The Operational Support Matrix is being developed jointly by the FRWG and its sister workgroup, the East Coast Corridor Coalition (EC3). This tool helps organize the public sector at the state/local/federal levels in order to better support requests for regional private sector fleet and supply chain movement during disasters
6) The AHC/FRWG Member Portal

- By integrating the FRWG’s owners and operators of the nation’s critical infrastructure into research process, researchers can transition solutions into the private sector much faster than through the traditional research process. Developed in 2013 with DHS Science and Technology, the Applied Operational Research process attracted the interest and resources of the private sector members of the FRWG and produced operational solutions that could be used by multiple sectors immediately.

7) Education of FRWG Products

- Another key FRWG initiative is to provide ongoing education of public and private sector stakeholders on the various FRWG operational products that have been produced. This initiative includes the development of additional websites, webinars, online videos and documents to help explain each of the products, how they work, and how they benefit both public and private sector.

Learn more… http://www.fleetresponse.org/resources/education/

8) NAFA Fleet Movement

- The National Association of Fleet Managers (NAFA) is working on an initiative designed to expedite fleet movement through weigh stations along with associated fuel and trip permits.
- This innovative concept seeks to resolve the issues by exploring an option that would provide visual indication to state weigh station operators, a pre-registration and payment process, and a policy that would provide an operational environment to protect both public and private sectors interests. This initiative is being supported by the Edison Electric Institute (EEI) and the Fleet Response Working Group (FRWG). Although it is early stages, this initiative can provide a long-term solution to an operational issue that affects multiple sector that move fleets as part of their supply chain.
1) Geo-Collaboration of Sensitive Data & Information for Decision Support

   - In 2015, the FRWG began watching for trends on the geospatial data sharing arena. Driven by regional/national requirements from both public and private sector decision makers, there is a need for a regional common operating picture through simple, non-portal related technologies that can merge people, data and information in any form and from any place into a single, easily understood framework to expedite decision making and situational awareness. This initiative includes technologies and solutions in visualization, integration, communications, security, software apps, mapping, exercises, training and education.

2) Unmanned Aerial Vehicles / Drones

   - In 2015, both government and private sector stakeholders expressed an interest in learning more about drones or Unmanned Aerial Vehicles. This started an initiative to monitor the many facets of the drone topic including technology, use cases, threats, deterrence, policy, and recommendations on how industry and government can partner during a disaster. A webinar series was recently conducted in March 2016 through a partnership with the Regional Consortium Coordinating Council, the Department of Homeland Security, and several other national association partners.

   Learn more… www.ahcusa.org/drones

3) Health Sector Coalitions & Collaboration

   - Leveraging the collaboration capabilities of the All Hazards Consortium and the FRWG, the healthcare sector is developing mechanisms to help public and private sector operations professionals better respond and coordinate during emergencies and increase their overall organizational resilience.

4) Unique Data Sharing Partnerships

   - The FRWG is continually monitoring technologies, capabilities and partnerships to improve sensitive information sharing between industry and government. Partnerships provide a simple way to expand capabilities, integrate more stakeholders, and leverage successful efforts and investments of other organizations.

5) Business Continuity

   - As the integrated planning model continues to mature, the FRWG is watching for tools, technologies, and best practices in the areas of Business Continuity Plan (BCP) verification, validation, and integration with state governments.

6) Applied Research & Transition to Commercial Use

   - Building upon past successes, the FRWG is continually monitoring ways to assist federal agencies in transitioning their research programs and ideas into practice in the private sector. Working with federal research organizations, investors, solution providers, and owners and operators of critical infrastructure, the FRWG is exploring different methods to expedite adoption of research technologies into the real world of operational usage as it did in 2015 with the formation of the SISE (Sensitive Information Sharing Environment).

7) Cyber Security/Identity Management

   - The FRWG continues to monitor best practices, technologies, and solutions in the Cyber security world with regards to individual identity proofing and management. This capability and the related standards are fundamental to trusted information sharing relationships. Emerging technologies areas include mobile devices, software, digital certificates, credentials, and encryption.
8) Regulatory De-confliction Education

- The FRWG also is monitoring developments in the regulatory environment and exploring how joint public/private education can help improve compliance and better inform the future development of regulations where possible. Working with states, trade associations and federal agencies, the FRWG helps to inform all stakeholders of the various impacts, and sometimes unintended consequences, of some policies and regulations during disasters.

9) Energy Sector Technology / Solutions

- The FRWG is also monitoring new technologies and solutions aimed at the critical infrastructure sectors, particularly the energy sector. These technologies include increasing efficiencies, cyber security, communications, alerting, geospatial information sharing, work force development, training, exercising, decision making and fleet management.

10) Private/Public Networks & Wireless Data Casting

- Enhancing communications between the private and public sector is a key objective of the FRWG. Data casting is an elegant and simple way of using excess wireless bandwidth on the new digital public television station network to transmit voice data or video across a wide region to first responders, utility crews and other essential personnel. The FRWG is monitoring this closely to explore ways to facilitate public/private education and communications in support of emergency response, law enforcement and drone/UAV missions for non-line of site applications.

Learn more: www.ahcusa.org/datacasting.html
### Product Description

<table>
<thead>
<tr>
<th>PRODUCT</th>
<th>DESCRIPTION</th>
<th>VALUE TO PUBLIC SECTOR</th>
<th>VALUE TO PRIVATE SECTOR</th>
</tr>
</thead>
</table>
| **FRWG Regional Disaster Dashboard for Decision Support** | A new collaboration technology developed by NOAA and NASA, which merges disparate information in any format into a single, visual decision platform for local, regional and national decision makers. | • Gets industry and government decision makers on the same page at same time  
• Provides local, regional or national common operating picture  
• Centralize operational information is single place  
• Merges data from any source, any format  
• Allows layering of real-time or non real-time data  
• Merges data from any system in any format and allow visual collaboration | • People only "view the data and information provided, not take possession of it  
• Offered only to vetted SISE users under the current federated AHC Confidentiality Agreement approved Dec 2015  
• No username or login required  
• Reduces need for multiple emails and conference calls  
• Allows continuous data updates while decision makers access it periodically throughout an incident  
• Protects outside access to private sector’s databases  
• Browser based on all devices (phone, tablet, laptop, desktop, etc…) |
| **AHC/FRWG Member Portal** | A new technology that simplifies user navigation to many data sources, documents, video feeds, and websites via a single customizable screen based on user preferences. As sector membership and the number of use cases increase, this capability can scale upward quickly and allow expedited access to information from any device. This portal will serve as the gateway to the SISE (Sensitive Information Sharing Environment) | • SAME | • Simple dashboard layout  
• Customizable to each user  
• Links to information, data feeds, video cams, and services from single screen  
• Provides access to open source and private data  
• Includes: Traffic cams, weather, Fleet Movement data, Open/Closed Business data, directories, disaster resources, etc…  
• Works on mobile devices  
• Several levels of user and information security  
• Leverage best practices used in private sector |
### Sensitive Information Sharing Environment (SISE)

**Private Sector Guided Information Sharing Framework**

Developed in partnership with DHS Science & Technology, the SISE is a private sector guided mechanism to be use to share sensitive operational information from private to public sector. The SISE provides a legal framework along with policy, process and technologies that allow the data providers to control who is looking at their information along with other data safeguards.

- Allows access to private sector information not available through other channels
- The processes used protects stakeholders from FOIA issues
- Used federal government standards for identity management
- Gives private sector a safer way to share sensitive operational data with government
- All users screened for valid identity credentials
- Data and people are separated into “Use Cases”
- Will provide multiple levels of security/access
- Expedites information sharing and decision making

### Regional Integrated Planning Framework

A legal, operational planning framework on East Coast that supports CATEX annual exercises and two working groups: the EC3 and the Fleet Response working groups.

- Links public/private operational professionals
- Collaborate across state/FEMA boundaries
- Sustained access to CIKR owners/operators
- Addresses specific regional operational issues
- Integrates private sector
- Trusted operational relationships
- Aids in relationship sustainment through elections turnover & retirements

- Links public/private operational professionals
- Creates cross-sector coordination
- Provides mechanism for coordination w/public sector
- Produces operational solutions
- Enhances business continuity
- Aids in relationship sustainment through elections turnover & retirements

### EC3 (East Coast Corridor Coalition) Working Group

A public sector guided regional working group, comprised of state, urban areas and federal agency operations people, focused on i95 corridor related planning, education, exercises, and information sharing with each other and the private sector lifeline sectors. This group works with the private sector members of the FRWG on initiatives that help to expedite regional response efforts with utilities and lifeline sector companies.

- Provides mechanism for multi-jurisdictional planning
- Access to operational decision makers to assist during disasters
- Inclusive of federal partners and the private sector
- Addresses large scale issues and disasters that impact the region’s citizens and businesses
- Communicate with one voice as a region to federal government and private sector
- Enhances planning, response & recovery activities for economic and community resilience

- Provides safe, neutral and trusted access to regional public sector operations professionals
- Access to operational decision makers to assist during disasters
- Public sector advisers help shape and prioritize regional requirements, approaches, initiatives
- Provides integrated planning opportunity with states/cities
- Enhances business continuity and economic recovery.
| **Multi-State Fleet Response Working Group Website** | A private sector guided national working group, comprised of operational professionals in the life-line sectors (e.g. power, transportation, communications, food, water, medical, finance, retail) focused on expediting power and supply chain restoration following disasters. This group works with the public sector guided EC3 Working Group to engage in planning, education, exercises, information sharing and solution development to address operational issues facing both the public and private sectors. | Provides a mechanism for public sector operational professionals to better understand and address common operational issues. Leverages collective experiences and resources. Creates solutions that provide operational value to complex regional issues in the electric, food and fuel sectors. Improves the speed of results & accomplishments. Builds trusted relationships with CIKR owners and operators. Provides sustainment during turnover from public sector elections and retirements. Serves as a mechanism to improve community and economic resilience. Provides cross sector planning and resource coordination. Provides a trusted environment and operational framework to work with public sector on complex, multi-state regional operational issues in an expedited manner. Helps build a broader understanding of issues facing public sector. Serves as a sustainment mechanism during turnover periods in public and private sector. Produces operational results that impact business. Allows private sector to speak to regional public sector issues with one voice. |
| **Sensitive Information Sharing Environment (SISE) Working Group** | The SISE Working Group is operated by the All Hazards Consortium and its partners from government and industry in the FRWG and EC3 Working Group for the purpose of developing requirements, standards, processes, policy and solutions that enhance the sharing of sensitive operational information before, during and after storms, disasters and disruptions. | Provides a closed, safe working group environment for state/local government to work with industry on sensitive topics. Expedites solutions. Creates common understanding. Builds trusted relationships. Solves a major operational problem for government. Provides a closed, safe working group environment for industry to work with state/local government to work with industry on sensitive topics. Expedites solutions. Creates common understanding. Builds trusted relationships. Develops Use Cases. Creates sector focused exercise modules. |
**CATEX Annual Exercise/Drill Series**

A series of public/private tabletop exercises, workshops and information sharing drills focused on solving operational issues in the electric, food and fuel sectors. **CATEX 2013 produced the Electric Utility Liaison Officer (EULO) Guide**.

& the Regional Fleet Movement Coordination Process with the electric sectors Regional Mutual Assistance Group to expedite response efforts to power outages on the East Coast.

This annual exercise series focuses on expediting power restoration and supply-chain restoration across a broad geographic region in FEMA regions I, II, III, IV, and VI.

Focused on planning and information sharing, the CATEX annual exercise series is looking at ways to expedite information sharing on specific operational issues.

To learn more about the CATEX exercise please visit: [http://www.fleetresponse.org/products/services/annual-exercise/](http://www.fleetresponse.org/products/services/annual-exercise/)

**Joint Education and Training webinars & documents**

A number of training and educational; webinars that have been produced to educate the public and private sector on key operational topics including:

- Drone / UAV related technology, use cases, threats, deterrents, policy and recommendations for public/private collaboration
- EZPass Commercial Accounts
- 2013 Fleet WG Report
- Mutual Aid Basics
- Fleet Movement Coordination
- Integrated Planning
- Data Sharing
- Emergency Management 101
- Post SANDY Webinar Series
- Power Sector Webinar Series
- Cascading Impacts of Power Outages

- Helps public sector better understand important private sector process, procedures and perspectives
- Allows public sector to educate private sector on key issues, perspectives, limitations, and capabilities of public sector during disasters
- Helps private sector better understand important public sector process, procedures and perspectives
- Provides private sector an opportunity to educate public sector operations professionals on important mutual aid and information sharing issues
| This guide serves as an instrument to help improve communications and coordination with the electric sector liaisons positioned within state or local government emergency operation centers. This guide was jointly developed by private and public sector operators and can serve as an effective tool to streamline power restoration efforts and all of the related communications and decisions that need to be made in a timely manner. |
| SERVE AS A TRAINING AID BY FAMILIARIZING THE READER WITH THE ROLES AND RESPONSIBILITIES OF THE ELECTRIC UTILITY LIAISON OFFICER |
| OFFER SUPPORT GUIDANCE TO RESPONDERS AND DECISION-MAKERS BY PROVIDING CHECKLISTS AND GENERAL INFORMATION |
| ESTABLISH PROCEDURAL DIRECTIVES IN OUTLINING THE FLOW OF INFORMATION WITHIN THE EOC |
| BETTER DEFINES THE ROLE OF THE ENERGY LIAISON OFFICER (EULO) WITHIN THE STATE/LOCAL GOVERNMENT’S EOC (EMERGENCY OPERATIONS CENTER) |
| PROVIDE MORE DEFINITION TO EULO POSITION INCLUDING: CLEARLY DEFINED AND MUTUALLY AGREED TO “OBJECTIVES” FOR THE EULO; MORE UNIFORM EOC TRAINING FOR THESE INDIVIDUALS; TOOLS AND CHECKLISTS; WRITTEN PROCESSES AND PROCEDURES; WRITTEN ESSENTIAL ELEMENTS OF INFORMATION REQUIREMENTS; |
| BASIC KNOWLEDGE OF THE EOC AND AREAS SERVED |
| SAME PLUS..... |
| ESTABLISHES MORE REALISTIC EXPECTATIONS OF THE LIAISON ROLE |
| PROVIDE BASELINE OF UNDERSTANDING AND PROCESS WITH PUBLIC SECTOR EOCs |
| ALLOWS FOR VARYING EULO ROLES IN DIFFERENT ELECTRIC COMPANIES |
E-ZPass Commercial Account
Process in Delaware that Expedites Fleets Through E-ZPass Toll Stations in 15 States
http://www.ahcusa.org/e-zpass-tolls.html

Over the past two years, FRWG has partnered with the Delaware E-ZPass Administration and its solution provider, Transcore, to develop a process that will allow a commercial account to be established in Delaware with the capability of operating numerous trucks and vehicles under a single transponder.

This document clarifies information regarding the use of a Delaware Commercial E-ZPass Account for those companies that do not operate with the 15 states covered the E-ZPass Electronic Toll Collection System on the East Coast of the United States.

This process has proven extremely successful, and is in operational use today. To learn more about the E-ZPASS solution, please visit:
http://www.fleetresponse.org/products/services/e-zpass-report/

- Help restore power and supply chain disruptions by helping private sector move fleets and resources faster across multiple “pass though” states in order to reach your impacted state faster so work can begin sooner
- Provide legal, safe method to expedite approved vehicles through toll stations using the E-ZPass lanes in US
- Allows multiple vehicles to operate under a single transponder
- Reduces operational transponder costs
- Eliminates delays at toll stations to zero in EZPASS region of 15 states
The **FLEET-MOVE** Data Web Application

Online application that centralizes requirements of states within US in support multi-state movement across state lines with regional state emergency management, police, transportation, and related agencies that are involved with:

- toll/weigh stations
- declarations
- commercial motor vehicles
- permits
- roadway usage/conditions
- and other relevant fleet movement information

**Not applicable**

- Leverage state/local government websites and databases across multiple states
- Provide single point of access to state entrance and pass through requirements for private sector fleets
- Data is maintained by each state/local agency
- Simplifies research for fleet movement related information
- Saves time
- Expedites information flow and situational awareness

The **Regional Fleet Movement Coordination Process**

Created during the CATEX 2013 exercise, this process is used by the private sector RMAGs (Regional Mutual Aid Groups) in the electric sector when they need to coordinate with a large number of states for the expediting response fleets across multiple states in order to reach the impacted states to begin restoration efforts

- Expedites power and utility restoration efforts by reducing delays in “pass through states” at toll stations, weigh stations, restricted roads, with permits, etc...
- Provides regional situational awareness to states on private sector fleet movement involving their state
- Coordinates planning and response activities between multiple states and the private sector

- Expedites fleet movement across multiple states
- Reduces delays and toll/weigh stations
- Expedites information flow on declarations, permits and waivers
- Engages multiple states as operational partners with electric sector at same time
- Leverages state relationships and platforms (e.g. EMAC) to alerts all involved states
- Improves coordination with multiple states
- Reduces or eliminates delays
| **Disaster Response Tools Webpage** | A public webpage that provide open access to the operational tools produced by the Fleet Response Working Group | • Requested by both public and private sector members, to centralize the operational products that support operational efforts  
• Expedites education  
• Improves coordination | • Requested by both public and private sector members, to centralize the operational products that support operational efforts  
• Expedites education  
• Improves coordination  
• Reduces costs |
| **FLEET OPEN/CLOSED Service** | This is an online application designed to help private sector locate open places of business that provide gasoline/diesel fuel, food/coffee, medications & medical supplies, retails stores and hotel rooms during a prolonged power outage within a city, county, state, region or across the United States.  
Developed during Superstorm SANDY, the service has been in used numerous times and is now available as a commercial business application to operational professionals.  
It enhances driver safety, resource location, disaster response and, according to FEMA during SANDY, was one of the only sources for real-time situational awareness in the first 72 hours after the disaster. | • Not offered to public sector initially  
• Proven, tested operational service  
• Helps to locate open places of business that provide gasoline/diesel fuel, food/coffee, medications & medical supplies, retails stores and hotel rooms  
• Local, regional or national coverage  
• Real-Time situational awareness during response efforts  
• Allows contractors and subs to find fuel & food quicker during deployment  
• 24×7 Access – The service will be available 24 hours per day.  
• Secure – This information is protected through a secure application process. The data is encrypted and access to this page is |
<table>
<thead>
<tr>
<th><strong>Canadian Border Crossing Process</strong></th>
<th>A process now in place to provide guidance to the private sector on fleet movement across the US/Canadian border. This guidance has been developed by multiple federal agencies, the Canadian authorities and the private sector.</th>
<th>• Helps expedite power &amp; utility restoration if private sector knows about this process and implements it</th>
<th>• Reduces delays at border from 2 hrs/truck to 20 seconds/truck</th>
<th>• Streamlines document process</th>
<th>• Centralizes information for the private sector</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Mutual Assistance Hours of Service Exemptions Policy</strong></td>
<td>In 2005, Congress passed and the President signed legislation that exempts drivers of utility service vehicles from the Federal Motor Carrier Safety Administration’s (FMCSA) Hours of Service (HOS) regulations. This law also prohibits states from enacting or enforcing HOS rules against utilities. The Edison Electric Institute (EEI) is hosting links to the policy information on their webpage.</td>
<td>• Private sector does not need to apply for hours of service exemptions and consume valuable time during response efforts</td>
<td>• Electric sector does not need to apply for hours of exemptions with states</td>
<td>• Expedites fleet movement deployment</td>
<td></td>
</tr>
<tr>
<td><strong>RMAG Guidance for Region Fleet Movement Coordination</strong></td>
<td>A guidance document for RMAGs (Regional Mutual Assistance Groups) to educate people on the processes and procedures used to activate and conduct the Regional Fleet Movement Coordination with states during a regional, multi-state event(s).</td>
<td>• Provide education on the process used by private sector</td>
<td>• Provides instructions on how to activate the regional coordination and information sharing process</td>
<td>• Covers procedures used and participants involved</td>
<td>• Expedites fleet movement</td>
</tr>
</tbody>
</table>
Edison Electric Institute (EEI)

EEI is the association that represents all U.S. investor owned electric companies. Our members provide electricity for 220 million Americans, operate in all 50 states and the District of Columbia, and directly employ more than 500,000 workers. With more than $85 billion in annual capital expenditures, the electric power industry is responsible for millions of additional jobs. Reliable, affordable, and sustainable electricity powers the economy and enhances the lives of all Americans. EEI has 70 international electric companies as Affiliate Members, and 250 industry suppliers and related organizations as Associate Members. Organized in 1933, EEI provides public policy leadership, strategic business intelligence, and essential conferences and forums.

Reference: http://www.eei.org

Regional Mutual Assistance Groups

The FRWG works closely with two regional mutual assistance groups: The Southeast Electric Exchange and The North Atlantic Mutual Assistance Group. Members of these groups are on the FRWG Executive Steering Committee. They worked collaboratively with states to promote education and create improved process to better coordinate private sector with regional states during disasters.

CNA

The CNA (Center for Naval Analysis) Corporation has a long history of operational research. Located in Arlington, Virginia, CNA has formed a partnership with the All Hazards Consortium and its Multi-State Fleet Response Working Group to look at operational analysis issues. Although early in its development, this partnership provides great promise in the areas of research and analysis and will bring federal, state, local and private sectors together into key initiatives that will allow solutions to be developed and tested.

This will help to coordinate federal and private sector efforts in several sectors including energy, transportation, telecommunications, health, water and finance.

To learn more about CNA, please visit their website at http://www.cna.org/

Pacific Northwest Economic Region (PNWER)

PNWER has worked with the All Hazards Consortium for many years, and now the Fleet Response Working Group is partnering with PNWER on several key areas focused on building resilience and secure information sharing. PNWER has a long history of working with public-private partnerships in the Pacific Northwest.

Their partnership with the fleet response working group the leverage PNWER’s experience in several key areas including information sharing, situational awareness, cyber security, port and maritime security, and app development.

To learn more about PNWER, please visit their website at http://www.pnwer.org/
All Hazards Emergency Network

Formed in 2014, the All Hazards Emergency Network (AHEN) is a media company that has partnered with the All Hazards Consortium and other organizations in an effort to build broader education and training platforms via the Internet. With a keen interest in the Multi-State Fleet Response Working Group, AHEN conducts a pod-cast and radio show entitled “Disaster Resilience In America”. This program is being aired on Federal NewsRadio, which is a part of WTOP radio in Washington D.C. These broadcasts will feature key FRWG leaders and other federal, state, local and commercial leaders that talk about resilience. These interviews are currently posted on iTunes and on the Federal News Radio website at: http://www.federalnewsradio.com/?nid=1354&sid=3807324

Chicago FIRST

Chicago First is a 501(c)(3) organization that focuses on resilience within the financial sector. Located in Chicago Illinois, Chicago First has sponsored many new organizations around the country and looks at the needs of the finance sector with regards to cyber security, planning, training, education and policy matters. As part of a memorandum of understanding between the All Hazards Consortium and Chicago First, these two organizations will begin working together in the areas of secure information-sharing and developing programs and initiatives that support the needs of the financial sector.

To learn more about Chicago FIRST, please visit their website at https://www.chicagofirst.org/

I-95 Corridor Coalition

The I-95 Corridor Coalition is an alliance of transportation agencies, toll authorities, and related organizations, including public safety, from the State of Maine to the State of Florida, with affiliate members in Canada. The Coalition provides a forum for key decision and policy makers to address transportation management and operations issues of common interest. This volunteer, consensus driven organization enables its myriad state, local and regional member agencies to work together to improve transportation system performance far more than they could working individually. The Coalition has successfully served as a model for multi-state/jurisdictional interagency cooperation and coordination for over a decade.

Reference: http://www.i95coalition.org

DHS Science and Technology

The DHS Science and Technology Cyber Security Division (DHS-CSD) partnered with the FRWG and the All Hazards Consortium on a Regional Secure Information Sharing Pilot Project aimed at enhancing the sharing of sensitive the operational information between critical infrastructure owners and operators in the electric sector with other sectors and states.

DHS-CSD’s mission is to contribute to enhancing the security and resilience of the nation’s critical information infrastructure and the Internet by (1) developing and delivering new technologies, tools and techniques to enable DHS and the U.S. to defend, mitigate and secure current and future systems, networks and infrastructure against cyberattacks; (2) conduct and support technology transition and (3) lead and coordinate research and development (R&D) among the R&D community which includes department customers, government agencies, the private sector and international partners.

To learn more about the DHS Science and Technology cyber-security directive, please visit their website at http://www.dhs.gov/science-and-technology/cyber-security-division
Trans-Global Secure Collaboration Program
The transit global secure collaboration program partnered with us the FRWG on a Regional Secure Information Sharing Pilot focused on creating a trust framework for companies and states to share sensitive operational information in support of disaster response. TSCP is a nonprofit organization that focuses more on digital information sharing within the Department of Defense and the aerospace industry. Based in Tysons Corners, Virginia, TSCP operates a global “trust framework” designed to support global digital information sharing and cyber/identity security.

Learn more about TSCP, please visit their website at http://www.tscp.org/

NOAA / National Weather Service
A new partnership with NOAA's National Weather Service has been developing in the area of use weather as a “impact predicting” tool to help private sector critical infrastructure owners and operators better prepare for weather impacts. Partnering with their contractor, StormCenter, the FRWG is leverage tools and data sets to help the private sector to merge disparate data sets from various sources into a single regional multi-state common operating picture for better decision making.

Skyline Technologies
Skyline is a technology and services company that provides managed network services for large public sector and service provider networks providing services including: Managed IT Support Services; Network Engineering and Consulting; Physical Security Solutions; Custom Software Development; Video Sharing Solutions.

Learn more: http://www.skylinenet.net/solutions/

StormCenter Communications
StormCenter has evolved from a specialized weather and climate technology communications company to an innovative cyber and homeland security technology development and applications company. StormCenter’s technology is addressing the great need to perform real-time visualization and collaboration sessions across multiple agencies and organizations in order to accelerate and crystallize situational awareness for enhanced decision making.

Learn more: http://www.stormcenter.com/about.html

Unmanned Experts
Unmanned Experts (UMEX) is a global leader in the UAS (Unmanned Arial Systems) market who provides training, engineering, design, deployment and consulting services to both the public and private sectors. UMEX is a growing, organization of highly experienced UAS award-winning experts, instructors and evaluators on numerous UAS platforms with extensive experience in UAS training system design and implementation with over 25,000 flying hours on UAS operations and programs.

Learn more: http://www.unmannedexperts.com/