



# Disaster Preparedness Commission

## 2017 Annual Report

Prepared by the  
New York State Division of  
Homeland Security &  
Emergency Services

**Andrew M. Cuomo**  
Governor

**Roger L. Parrino, Sr.**  
Chairman

**Members of the NYS  
Disaster Preparedness  
Commission**

Office for the Aging (Aging)  
Department of Agriculture and Markets (Ag & Mkts)  
Office of Children and Family Services (OCFS)  
Department of Corrections and Community Supervision  
Division of Criminal Justice Services (DCJS)  
Education Department  
Empire State Development Corporation (ESD)  
Energy Research and Development Authority (NYSERDA)  
Department of Environmental Conservation (DEC)  
Department of Financial Services (DFS)  
Office of Fire Prevention and Control (OFPC)  
Office of General Services (OGS)  
Department of Health (DOH)  
Division of Homeland Security and Emergency Services  
Division of Homes and Community Renewal (HCR)  
Office of Information Technology Services (ITS)  
Department of Labor  
Office of Mental Health (OMH)  
Metropolitan Transportation Authority (MTA)  
Division of Military and Naval Affairs (DMNA)  
Office of Parks, Recreation and Historic Preservation (Parks)  
Office for People with Developmental Disabilities (OPWDD)  
Port Authority of NY and NJ (PA NY/NJ)  
Public Service Commission (PSC)  
Division of State Police  
Department of State  
Thruway Authority  
Department of Transportation (DOT)  
Office of Victim Services (OVS)  
American Red Cross

## **INTRODUCTION**

The New York State Disaster Preparedness Commission (DPC) is comprised of the commissioners, directors, and chairpersons of 29 State agencies and one volunteer organization, the American Red Cross. The DPC's responsibilities include preparing State disaster plans; directing State disaster operations and coordinating the operations with those of local government; and coordinating federal, State and private recovery efforts.

New York State Executive Law, Article 2-B, enacted in 1978, shifted emphasis from civil defense to all-hazards preparedness activities and missions, created the DPC, and assigned responsibility for off-site radiological emergency preparedness for commercial nuclear power plants.

## **OVERVIEW**

2017, included a series of emergency events, both natural and man-made, that brought together a coordinated response from state and local agencies, and with some of these events, such as the March snow storm and the October vehicle ramming on the Chelsea bike path in New York City, a federal response was also included in response and recovery.

Under the leadership of Governor Cuomo, preparing for disasters and emergencies is part of the "new normal" – a reality where New Yorkers and their communities face major natural disasters on a regular basis. This also includes a heightened awareness and preparedness for both natural and man-made events. To address this reality and take measures to prevent the loss of lives, properties, businesses, and other devastating effects of emergencies, the DPC member agencies met twice, as required by law, during 2017 to discuss various aspects of the State's preparedness, response, and recovery activities.

Member agency representatives were briefed on a broad range of preparedness issues, including seasonal briefings by the National Weather Service, disaster mental health, the use of drones for operations, First Net, and briefings on the current terror threat worldwide and in the State of New York.

The DPC member agency representatives also participated in several disaster response exercises, including “Gotham Shield”, an exercise that took place in April and May which simulated an improvised explosive device with a radiological release. The exercise tested the full activation of the State’s Emergency Operations Center (EOC) with over 25 state agencies, the American Red Cross, the Salvation Army and the Federal Emergency Management Agency (FEMA), and simulated impacts from power failures, immediate evacuation needs, radiological response, evacuations, sheltering, long-term housing needs, debris removal issues, and infrastructure damage and failure. The goal of the exercise was to evaluate preparedness and response capabilities before and during a catastrophic event, as well as coordination with federal and local governments once a Presidential Declaration had been granted.

At the core of Governor Cuomo’s comprehensive strategy for effectively and efficiently preparing for and responding to disasters, is the essential need for better training, planning, and coordination. The DPC plays an important role in this process by ensuring that all member State agencies stay updated on all relevant disaster preparedness and response activities, while strengthening intra-agency coordination and cooperation during an emergency. The DPC will continue to fulfill Governor Cuomo’s mandate that coordinated emergency preparedness and response efforts are designed to enhance the protection and safety of all New Yorkers.

DPC member agencies made great strides in 2017 in improving the State’s emergency preparedness capabilities to respond to future events and at the direction of Governor Cuomo, the New York State Disaster Preparedness Commission has taken active steps to prepare for and mitigate against natural and man-made disasters that could impact the State.

## **NEW YORK PREPARES**

Being prepared as a state is critical to protecting the people of New York, and this is important on the government level as well as on a personal level. For this reason, Governor Cuomo has initiated several programs and initiatives to keeping the state prepared for both man-made and natural disasters and emergencies.

### **New York State Comprehensive Emergency Plan**

The New York State Comprehensive Emergency Management Plan (CEMP) identifies the roles and responsibilities for hazard mitigation, response and recovery from all emergencies. Over the last year, DHSES staff, along with input from all DPC agencies, have completed a significant change to the structure of the State CEMP. This effort

included development and implementation of 14 multi-agency Emergency Support Functions (ESFs) consistent with the federal response structure. The planning process included the development and testing of numerous operational guides, job aid, checklists, and was reinforced by numerous training workshops, exercises and real-world events.

### **Continuity of Operations Planning (COOP)**

DHSES staff continue to provide technical assistance to state and local government for continuity planning efforts. Staff released new guidance on continuity planning that includes unique tools and concepts to aid planners in developing continuity plans. Staff recently completed the development of a state of the art continuity planning course that combines best practices from the federal government and the private sector. Course deliveries will provide participants with several new continuity planning tools and guides, which will include a risk assessment and business impact analysis methodology that will be the first of its kind in the continuity industry. State Agencies, including DOT, OPWDD, Parks, Labor, ITS, Health, and OFS have improved or tested their COOP plans in 2017.

### **Strategic Fuel Reserve and Gas Station Back-Up Power Program**

The Fuel NY Initiative consists of two components: The Strategic Fuel Reserves and the Gasoline Station Generator programs.

The New York State Energy Research and Development Authority (NYSERDA) maintains two regional strategic fuel reserves. The Downstate Strategic Gasoline Reserve contains nearly three million gallons of gasoline and is located at an inland fuel terminal on Long Island. The Upstate Strategic Fuel Reserve contains 1.4 million gallons of diesel fuel and 1.4 million gallons of gasoline, located at six separate distribution terminals across Upstate New York. Given the fuel distribution disruptions experienced after Superstorm Sandy, this program is designed to fill supply gaps causing a fuel emergency. Upon declaration of a fuel emergency, gasoline and diesel fuel from the reserves may be released to meet fuel needs while the industry recovers from a disruption in routine fuel supply operations.

In a collaboration among NYSERDA, the Department of Agriculture and Markets and the NYS Division of Homeland Security and Emergency Services, Fuel NY is also assisting retail gasoline stations to comply with statutory requirements that certain strategically located stations in New York City and Suffolk, Nassau, Westchester and Rockland Counties be prepared with an emergency generator, or to deploy and install a contracted portable emergency generator in the event of a declared energy or fuel supply emergency.

NYSERDA supports station owner implementation costs associated with the installation of a transfer switch and associated electrical modifications needed to accept an emergency generator. With its Portable Emergency Generator Program, NYSERDA can mobilize the deployment and installation of portable emergency generators to facilitate gas station compliance with the law in a declared energy or fuel supply emergency. Through the Permanent Emergency Generator Initiative, NYSERDA is also supporting the installation of permanent emergency generators for strategically located stations that prefer such an option.

As of December 31, 2017, 750 gas stations in the downstate region had their own emergency generator or a contract to deploy an emergency generator, including 100 stations with emergency generators on site. An additional 80 gas stations were also selected for funding to install a permanent emergency generator by the end of 2018.

### **Red Team Exercises**

A Red Team is a group of non-descript homeland security and law enforcement personnel who conduct suspicious activity and exhibit indicators of potential terrorist activity to test various businesses, infrastructure owners and operators, and the public with regard to the recognition and reporting of suspicious activity.

In 2017, the Red Team program expanded, testing 900 locations throughout the state, an increase of 31% compared to 2016. DHSES conducted 16 Red Team exercises, one in each of the Counter Terrorism Zones, with each of the 62 counties in New York State tested.

A total of 396 State, local and federal law enforcement personnel, serving 90 different agencies, were divided into 114 Red Teams during the exercises. The number of Red Teams deployed throughout the state increased by 56% compared to 73 Red Teams operating in 2016.

Locations tested included over 180 infrastructure sites and mass gathering locations including shopping malls and stadiums. Additionally, the Red Teams tested hardware stores, big box stores, explosive/chemical facilities, pool supply stores, gun/sporting goods stores, beauty supply stores, uniform/military surplus stores, marinas and hotels.

The DHSES Red Team program evolved to include testing truck rental locations and airports within the state. Truck rental locations were tested in each Counter Terrorism Zone, resulting in over 100 locations receiving Operation Safeguard outreach statewide.

In conjunction with the Federal Transportation Security Administration, the Office of Counter Terrorism assisted with multiple Red Team exercises at six airports in upstate New York. DHSES provided 21 personnel, both staff and law enforcement, who each assisted with a Red Team test.

### **Citizen Preparedness Corps Trainings**

Launched in February 2014, the Citizen Preparedness Corps provides New Yorkers with tools and resources to prepare for natural and man-made disasters, to respond accordingly, and to recover as quickly as possible to pre-disaster conditions. The New York National Guard (DMNA), working with experts from DHSES Office of Emergency Management and the Office of Fire Prevention and Control and local county emergency management personnel, educated participants about how to develop a family emergency plan and stock up on emergency supplies, among other critical precautions. A key component of this training was distribution of free New York State Disaster Preparedness Kits to participants at public regional events listed on the [prepare.ny.gov](http://prepare.ny.gov) website. The kits contained important items to assist individuals in the immediate aftermath of a disaster. Since its inception, more than 129,000 New Yorkers have completed Citizen Preparedness Corps training, through the efforts of DHSES and DMNA, with 41,000 of these in 2017. The American Red Cross has trained 24,036 New Yorkers through the Governor's Citizen Preparedness Corps program.

### **American Red Cross Home Fire Preparedness Campaign**

In 2014, the Red Cross launched the Home Fire Preparedness Campaign. This initiative focuses on providing education on how to prepare for and what to do in case of a home fire as well as installing free smoke alarms in homes. In 2017, 43,000 smoke alarms were installed across New York State. Two lives in Utica have been saved by the smoke alarm installs.

### **County Animal Response Teams (CART)**

To build local capacity and capabilities, NYS Department of Agriculture and Markets partnered with DPC agencies to support local County Animal Response Teams (CART) and animal response organizations across the state.

In June of 2017, NYS Department of Agriculture and Markets offered a free 3-day Slack Water Rescue training and exercise to County Animal Response Teams across the state. The exercise was planned and coordinated with the assistance of the State Office of Emergency Management, with multiple DPC agencies contributing resources, including DEC, OFPC, and OIEC, along with public private partnership with ASPCA, Mohawk

Hudson Humane Society, Albany County Sheriff's Department, Albany Rowing Club and the Albany County Executive's Office. Over 20 animal response organizations participated in the training.

In September of 2017, the Onondaga CART offered a Large Animal Rescue Class to responders. NYS Department of Agriculture and Markets through coordination with the DPC, could support the training by providing a location for the training (New York State Fair Grounds), a life size replica horse (with assistance USDA-APHIS Animal Import Center) and transportation equipment to and from the training by NYS Department of Agriculture and Markets and OFPC and the participation of OFPC Search and Rescue personnel in the training event.

In June of 2017, NYS Department of Agriculture and Markets and the State Office of Emergency Management supported County officials from Schoharie and Niagara County in a 2-day Virtual Table Top on Livestock evacuation hosted by FEMA.

In July of 2017, New York was one of 18 states to participate in the Multi-Jurisdictional Animal Resource Coordination Exercise (MARCE). The MARCE is a multi-day Homeland Security Exercise and Evaluation Program functional exercise focused on resource coordination during a major natural disaster affecting animals, including pets, service animals, livestock, captive wildlife, performance animals, zoo and lab animals. The exercise encompassed collaboration of DPC partner agencies such as the DEC and State OEM, partner organization such as USDA and NGOs and the development and deployment of Resource Ready Packages through the EMAC system.

### **The New York State Interagency Workgroup on Crude Oil Preparedness and New York Foam Task Force**

Comprised of DEC, DOH, DOT, DHSES, U.S. Environmental Protection Agency, and the Coast Guard, was formed in 2015 to further support the efforts of Executive Order 125. In 2017, DEC added 4 counties to the GRP (geographic response plan) program to supplement the GRP's that had previously been prepared. The GRP's are used for planning and preparing for any potential response crude oil accident. DEC also will be purchasing additional spill response trailers, supplementing the 24 trailers equipped with specialized spill response equipment that were previously deployed across the 21 counties in the crude by rail corridor.

#### **New York State Foam Task Force**

Established as a result of Governor Cuomo's Executive Order 125 in response to the increase in the transportation of crude oil by rail across New York State, the Foam Task

Force consists of nineteen foam trailers and support equipment operated by OFPC and eighteen local fire departments and County HazMat teams which have agreed to participate in the Task Force via written agreements with the State. This equipment is pre-positioned along major transportation corridors across the State to support the goal of placing the initial Foam Task Force trailer on scene at any major incident involving crude oil or other ignitable liquids within two hours or less of a request from local agencies or an activation by the State.

During 2017 Foam Task Force activations included a response to a November 2017 fire involving a chemical facility in Vails Gate, Orange County resulted in the response of Foam Task Force trailers operated by Newburgh FD, Kingston FD and the Rockland County Haz Mat team, supplemented by equipment and staff from OFPC.

### **Gotham Shield**

This federal exercise, which simulated the detonation of a 10-kiloton improvised nuclear device (IND) -- brought FEMA, State DPC Agencies, NJ Disaster Preparedness, and the City of New York together to initiate a recovery plan that would address core capabilities of each sector of the government. The exercise was conducted over a 13-day period.

The goal of Gotham Shield was to evaluate the whole community effort to prevent, protect from, respond to, and recover after the effects of an IND attack using established plans and methods to achieve objectives. Due to the nature of the event, the participants were required to identify new methods for addressing losses on a catastrophic level.

### **County Emergency Preparedness Assessment (CEPA)**

DHSES has developed an assessment tool and approach to help State and local stakeholders assess risk, capabilities, and the potential need for support and resources during emergencies or disasters. CEPA provides for a standardized and repeatable process to understand capabilities at the County level and identify statewide trends and preparedness gaps. DHSES completed the initial round of assessments for all of the Counties (and NYC) in late 2015 and is the process of conducting CEPA updates, which will again include the facilitation of CEPA workshops in each county (and NYC). To date, 32 CEPA updates have been completed. In addition to DHSES, several other DPC agencies regularly participate in the CEPA workshops held across the State.

### **Emergency Management Accreditation Program (EMAP)**

The Emergency Management Standard by EMAP is a set of 64 standards by which programs that apply for EMAP accreditation are evaluated. The Standard is designed as

a tool for continuous improvement as part of the voluntary accreditation process for emergency management programs. The State received its accreditation in October 2014 and is valid for five years. DHSES staff will prepare all DPC agencies for the State's re-accreditation efforts in the summer of 2018.

### **Emergency Management Certification and Training Program**

The Emergency Management Certification and Training program was developed to support Governor Cuomo's strategy of creating unified emergency management training, education, communication, and response protocols. The training is divided into three levels: tier 1 for County Chief Executives, tier 2 for County Emergency Managers, and tier 3 for Local Public Officials, First Responder Leadership and Other Partners. In 2017, approximately 300 people attended one of the 11 tier trainings offered which included the three-day Emergency Management Training and Certification Academy.

### **Radiological Emergency Preparedness**

DHSES OEM Radiological Emergency Preparedness (REP) program conducted two Federal Evaluated Exercises:

- Exelon RE Ginna power plant conducted a Federally Evaluated Plume Exercise on August 22, 2017 with New York State, Wayne and Monroe counties. The Exercise was successful with no outstanding issues per the FEMA Region 2 Radiological Section.
- Exelon Nine Mile Point power plant conducted a Federally Evaluated Plume Exercise on October 24, 2017 with New York State and Oswego County. The Exercise was successful with no outstanding issues per the FEMA Region 2 Radiological Section.

Additionally, the Radiological Emergency Preparedness program conducted an Off-Year Exercise for Entergy Indian Point power plant on November 2, 2017 with New York State, Westchester, Orange, Rockland and Putnam counties. The Exercise was successful and provided an opportunity for the State and Counties to practice operations preparing for the scheduled Federal Evaluated Exercise in September 2018.

In June, DHSES REP worked with the U.S. Department of Energy, U.S. Navy and Saratoga County on a Naval Nuclear Rail Shipment Exercise that was conducted with federal, state, local agencies and private corporations (Pan American Rail Road). This was a successful exercise demonstrating and practicing planning, operations, coordination, interagency cooperation and preparedness for Railroad Nuclear Spent Fuel Shipments.

## NEW YORK RESPONDS

Throughout 2017, the state was impacted by a variety of incidents, the majority being weather related. The table below shows the incidents where the State EOC was in an enhanced monitoring posture or activated during 2017.

START DATE	END DATE	EVENT NAME	LEVEL
January 4, 2017	January 7, 2017	Western NY Winter Weather	Enhanced
January 7, 2017	January 8, 2017	Winter Weather 1/7-1/8	Enhanced
January 12, 2017	January 15, 2017	Severe Weather Flooding 1/12-1/13	Enhanced
January 20, 2017	January 20, 2017	Presidential Inauguration	Enhanced
January 22, 2017	January 24, 2017	Winter Weather 1/22- 1/24	Enhanced
January 23, 2017	January 23, 2017	LI/NYC Wind-possible Flooding	Enhanced
March 8, 2017	March 15, 2017	Western NY Weather High Winds 3/8-3/15	Enhanced
March 3, 2017	March 16, 2017	Winter Weather 3/9- 3/15	Level 3
April 4, 2017	April 8, 2017	Flooding 4/4-4/8	Enhanced
April 6, 2017	August 8, 2017	Rising Levels of Lake Ontario	Enhanced
April 24, 2017	April 28, 2017	Gotham Shield	Exercise

July 13, 2017	July 17, 2013	Severe Weather	Enhanced
July 20, 2017	July 21, 2017	Severe Weather July 20, 2017 (Erie Co. Tornado)	Enhanced
August 4, 2017	August 6, 2017	Western NY Severe Weather	Enhanced
August 22, 2017	August 22, 2017	GINNA Federal Exercise	Exercise
August 26, 2017	September 10, 2017	Hurricane Harvey Deployment IMT	IMT Deployment
August 22, 2017	September 4, 2017	State Fair	Deployment to Onondaga Cty
September 3, 2017	September 6, 2017	Missing Hiker	Deployed
September 3, 2017	September 3, 2017	Indian Point Exercise	Exercise
September 18, 2017	September 26, 2017	Hurricane Jose	Level 3
September 12, 2017	Ongoing	Hurricane Irma VI	EMAC Enhanced
September 21, 2017	Ongoing	Hurricane Maria	EMAC Enhanced
October 24, 2017	October 24, 2017	Nine Mile Point Exercise	Exercise
October 29, 2017	October 29, 2017	Suffolk County Marathon	Enhanced

October 29, 2017	October 31, 2017	Severe Weather	Enhanced
November 10, 2017	November 10, 2017	Indian Point Exercise	Exercise
December 6, 2017	December 9, 2017	Winter Weather 12/6-12/9	Level IV
December 12, 2017	December 14, 2017	Winter Weather 12/12-12/14	Level IV
December 27, 2017	December 29, 2017	Snow Removal 12/27-12/29	Level IV
December 31, 2017	January 1, 2018	NY Eve Monitoring	Enhanced

New Yorkers help others in times of greatest need, and 2017 was no exception. After the terrorist attacks on 9/11 and Superstorm Sandy, help came from across the country when the State needed it most. During 2017, Governor Cuomo sent experts from state agencies to help in areas that were devastated by natural disasters.

### **Hurricane Harvey**

Governor Cuomo deployed a 30-member State Incident Management Team, an all-hazards multi-state agency resource to Texas on August 31 to assist with response and recovery efforts after Hurricane Harvey. The NYS Incident Management Team assisted in response and recovery operations related to Hurricane Harvey in Harris County (Houston) and Chambers County. Operations conducted in Chambers and Harris Counties were focused on coordination and communication with local authorities, development of situational awareness, and assistance in documenting the extent of damage to the community.

The New York State Department of Environmental Conservation deployed five Forest Rangers and two unmanned aircraft systems (drones) to assist in the emergency response efforts. DEC's Forest Rangers are members of the State IMT and are scheduled for a 14-day deployment. Additionally, the Department of Corrections and Community Supervision, which has a history of utilizing both security and civilian staff and inmates working side by side to provide assistance to others in times of need, readied

approximately 40,000 assembled meals plus nonperishable items for another 40,000 meals to the Southeast Texas Food Bank.

### **Hurricane Irma**

Due to the scope and scale of Hurricane Irma on Florida and the Virgin Islands, Governor Cuomo directed state personnel and assets to Florida and the Virgin Islands to help with response efforts.

### **Hurricane Maria**

Since Hurricane Maria's landfall in September 2017, Governor Cuomo has traveled to Puerto Rico four previous times and continuously directed critical resources to communities in need. In the immediate aftermath, New York established the Empire State Relief and Recovery Effort, ultimately distributing at least 4,400 pallets of supplies collected from 13 donations sites across the state. New York State also deployed more than 1,000 personnel, including hundreds of utility workers and power experts to help with power restoration and grid stabilization.

## **NY RECOVERS**

### **Mitigation Efforts**

This year, mitigation efforts continued with a strong emphasis on supporting and completing projects submitted under grant cycles tied to Hurricane Sandy, Hurricane Irene and Tropical Storm Lee, the three largest Federal Emergency Management Agency (FEMA) Hazard Mitigation Grant Program (HMGP) natural disasters in State history. This includes property acquisition in the Mohawk Valley-Upstate Flooding Buyout Program, in which the owners of flood prone properties will close a significant chapter in their lives when their homes are acquired and destroyed and the land is left as open space in perpetuity. All told, 310 homes will be purchased with \$37,033,477 and \$5,541,410 in FEMA and New York State funds, respectively.

The State's Superstorm Sandy HMGP lock-in stands at \$1.44 billion, and all projects were submitted to FEMA on September 30, 2015. Many of these large-scale and complex undertakings have received Part 1 approval to perform needed engineering, studies and design development work and will receive Part 2 construction approval once they are deemed to be cost-effective. Submitted projects and requested funds include:

- Generators at downstate gas stations on evacuation routes (expanded to upstate): \$25.9M;
- Upgrade 106 Scour-Critical Bridges Statewide: \$518M;
- Mesonet Statewide Weather Monitoring System: \$30.5M;
- Western Bays Resiliency Initiative (Bay Park WWTP): \$150M;
- LaGuardia Flood Control: \$30.5M;
- Suffolk County Resiliency Project: \$266.7M;
- Breezy Point Risk Reduction Systems (4300 residents): \$43.5M;
- Spring Creek Wetland and Upland Restoration (151 acres) to Protect Neighborhoods: \$3.3M

Finally, work continued with counties to update their FEMA-approved hazard mitigation plans, which identify risks and strategies and serve as the lynchpin for receiving for FEMA bricks-and-mortar grants. In 2016, DHSES had the following activity:

- Eight planning grants submitted in the national annual Pre-Disaster Mitigation (PDM) cycle;
- Five planning grants approved from the 2015 PDM grant cycle;
- Seven multi-jurisdictional plans covering 170 jurisdictions approved by FEMA in 2016.

## **Public Assistance**

Public Assistance Grants are administered through the DHSES' Public Assistance (PA) Section, which strives to provide the maximum amount of funding available through FEMA after a major disaster or emergency is declared by the President to assist the recovery of State, local and Tribal governments, as well as Private Nonprofit organizations providing governmental types of service.

Through the PA Program, FEMA provides supplemental Federal disaster grant assistance for debris removal, emergency protective measures, and the repair, replacement, or restoration of disaster-damaged, publicly owned facilities and the facilities of certain Private Non-Profit (PNP) organizations. The PA Program also encourages protection of these damaged facilities from future events by providing assistance for effective hazard mitigation measures such as increasing culvert capacity, armoring embankments, building floodwalls, elevating electrical components and relocation of critical controls and facility support elements, like boilers and generators.

Notable achievements during the past year include approval of more than \$200 million in additional FEMA funding for the PANYNJ Holland Tunnel repair, completion of the \$4.5 million Schoharie County Office Complex flood wall, approval of South Nassau Community Hospital's Alternate Project to replace the Long Beach Medical Center (\$174 million), dedication of the new Owego-Apalachin Elementary School (with special recognition of DHSES on its dedication plaque), dedication of the new Glen Aubrey VFD building, the return of more than \$15 million in improper reductions to State and local applicants through innovative joint errors and omissions review, and approval of the Sea Gate Association's \$4.6 million sewer repair project. These projects are each critical components to the well-being of their communities' social, cultural, economic, and public safety networks.

Public Assistance Disaster	Incident Period	FEMA #	Federal Share	State Share
<b>Terrorist Attack</b>	Sep. 11, 2001	DR-1391	\$4,689,036,038.86	\$0
<b>Severe Storms and Flooding</b>	May 13-June 17, 2004	DR-1534	\$18,396,230.10	\$5,957,709.33
<b>Severe Storms and Flooding</b>	Aug. 13-Sep. 16, 2004	DR-1564	\$13,991,657.63	\$4,523,210.37
<b>Tropical Depression Ivan</b>	Sep. 16-24, 2004	DR-1565	\$11,505,299.21	\$3,710,757.00
<b>Severe Storms and Flooding</b>	Apr. 2-4, 2005	DR-1589	\$51,562,329.41	\$16,531,665.46
<b>Severe Storms and Flooding</b>	Jun. 26-Jul 10, 2006	DR-1650	\$215,294,818.19	\$62,639,589.62
<b>Severe Storms and Flooding</b>	Oct. 12-25, 2006	DR-1665	\$110,848,510.71	\$36,269,440.18
<b>Severe Storms and Flooding</b>	Nov. 16-17, 2006	DR-1670	\$29,819,007.52	\$8,825,980.91
<b>Severe Storms and Inland and Coastal Flooding</b>	Apr. 14-18, 2007	DR-1692	\$83,289,085.17	\$25,723,085.91
<b>Severe Storms and Flooding</b>	Jun. 19, 2007	DR-1710	\$11,801,583.80	\$3,739,169.83
<b>Severe Winter Storm</b>	March 4, 2009	DR -1827	\$17,953,077.27	\$5,701,210.75
<b>Severe Storms and Flooding</b>	Aug. 8-10, 2009	DR-1857	\$33,628,568.98	\$11,302,219.08

<b>Severe Storms &amp; Flooding assoc. w/ TD Ida and Nor'easter</b>	Nov. 12-14, 2009	DR-1869	\$4,461,884.90	\$1,487,295.06
<b>Severe Storms and Flooding</b>	Mar. 13-31, 2010	DR-1899	\$78,805,422.89	\$26,887,226.34
<b>Severe Storms, Tornadoes &amp; Straight-line Winds</b>	October 14, 2010	DR-1943	\$22,111,062.15	\$7,218,972.44
<b>Severe Winter Storm &amp; Snowstorm</b>	Dec. 26-27, 2010	DR-1957	\$37,824,530.98	\$8,407,785.46
<b>Severe Storms, Flooding, Tornadoes &amp; Straight-line Winds</b>	Apr. 26-May 8, 2011	DR-1993	\$33,016,062.77	\$10,685,946.18
<b>Hurricane Irene</b>	Aug. 26-Sep. 5, 2011	DR- 4020	\$452,860,910.27	\$46,650,269.27
<b>Tropical Storm Lee</b>	Sep. 7-11, 2011	DR-4031	\$174,523,284.01	\$47,020,862.67
<b>Hurricane Sandy</b>	Oct. 27-Nov. 8, 2012	DR-4085	\$5,435,384,287.17	\$7,340,821.84
<b>Severe Winter Storm &amp; Snowstorm</b>	Feb. 8-9, 2013	DR-4111	\$21,558,524.12	\$2,407,658.42
<b>Severe Storms and Flooding</b>	Jun. 26-Jul. 10, 2013	DR-4129	\$33,010,277.11	\$2,377,432.46
<b>Severe Storms and Flooding</b>	May 13-22, 2014	DR-4180	\$19,349,196.48	\$6,291,066.47
<b>Severe Winter Storm, Snowstorm and Flooding</b>	Nov 17-27, 2014	DR-4204	\$20,324,495.59	\$6,351,975.77
		<b>TOTAL</b>	<b>\$11,620,356,145.29</b>	<b>\$358,051,351.00</b>

### Other Notable Recovery Efforts in 2016

- The New York State Division of Homes and Community Renewal (HCR) chairs the State-led Disaster Housing Task Force and, in that capacity, coordinates member agencies and organizations to develop strategies for long-term housing recovery following a disaster event. This includes working with federal counterparts to coordinate the receipt of federal resources that support housing recovery.

- On May 10, 2016 at the request of the Governor, the Small Business Administration issued a Disaster Declaration for Kings County with contiguous counties of New York, Queens, and Richmond for a multiple building apartment fire.
- The Office of Children and Family Services (OCFS) continues to administer a special \$235.4 million Social Services Block Grant to address losses caused by Superstorm Sandy. OCFS is the lead state agency on the project with the New York State Department of Health (DOH), Office of Mental Hygiene (OMH), Office for Persons with Developmental Disabilities (OPWDD), Office for the Aging (SOFA), Office of Temporary and Disability Assistance (OTDA), and Office of Alcoholism and Substance Abuses Services (OASAS). Funding supports the delivery of social, health, and mental health services, and the upgrade of damaged public and private facilities that provide these services. To date, over \$200 million of the funds have been spent and OCFS has made over 450 awards to providers, who provided over 5,000,000 individual Social Service Block Grant-type services and completed building repairs and/or renovations. The funds were mostly distributed in New York City and Long Island. A two-year extension was granted until September 30, 2017. Unspent funds are being repurposed to provide services and meet the ongoing needs of individuals and families impacted by the storm through June 30, 2017.
- NYSERDA has protocols in place to provide response to households affected by severe weather events through the EmPower New York and Assisted Home Performance with ENERGY STAR programs.
- Through the NY Prize initiative, 83 community microgrid feasibility assessments were funded, all of which included at least one piece of critical infrastructure. In the next phase of NY Prize, NYSERDA will provide support for an audit grade design and engineering assessment for a select number of studies.

## **2017 AND BEYOND**

Governor Cuomo has proposed a bold agenda for 2017 and beyond with the goal of keeping New Yorkers safe. The threat from cyber-attacks remains, and the Governor is creating a new Cyber Incident Response Team to provide cybersecurity support to state entities, local governments, critical infrastructure and schools. The team will strengthen cyber preparedness and response through outreach, coordinated exercises, and best practices at non-executive State agencies, authorities, local governments, and critical infrastructure. Housed within the DHSES Office of Counter Terrorism, the team will be the first responder to reported cyber incidents and will work with the targeted organization to regain normal operations.

Additionally, plans are well underway to increase State Police and National Guard presence in New York City as part of the Governor's New York Crossings Project. The State Police and the Division of Military and Naval Affairs will assign 150 members and 150 National Guardsmen to bolster security and conduct anti-terror exercises at nine MTA-operated bridges and tunnels.

This Disaster Preparedness Commission, under the leadership of Governor Cuomo, will continue to strive to make the safety, security and quality of life of all New Yorkers paramount. The Commission will continue to actively address emerging threats, whether natural or man-made, and will continue to enhance the state's plans for preparing for, responding to, and recovering from incidents, and will continue to implement strategies to make New York the most resilient state in the nation.