

Village of Plandome Heights Annex

This document presents the Village of Plandome Heights’s annex to the *Nassau County Multi-Jurisdictional Hazard Mitigation Plan*.

Hazard Mitigation Plan Points of Contact

The individuals below have been identified as this jurisdiction’s points of contact for the hazard mitigation plan. These individuals are members of the Planning Committee that met regularly for the update of this plan and will continue to meet in the years ahead to implement it.

Primary Point of Contact	Alternate Point of Contact
Mayor Kenneth C. Riscica 37 Orchard Street Manhasset, NY 11030 mayor@plandomeheights-ny.gov 516-241-8523	Arlene Drucker, Clerk 37 Orchard Street Manhasset, Ny 11030 clerk@plandomeheights-ny.gov 516-220 6977

Profile

The Village of Plandome Heights covers approximately 0.20 square miles¹ and has a total population of 945 according to the American Community Survey 5-year 2018 Estimates. Some of the demographics of the Village of Plandome Heights are summarized in Table 1. This information supported the development of mitigation actions that account for the needs of the most vulnerable individuals in the community.

Table 1: Village of Plandome Heights Demographic Information

Demographic		Demographic	
Below 5 Years Old	5.5%	Black or African American alone	0.0%
Above 65 Years Old	16.0%	American Indian and Alaska Native alone	0.0%
Individuals with Disabilities	Information not provided	Asian alone	13.0%
Persons in Poverty	1.4%	Native Hawaiian and other Pacific Islander alone	0.0%
Renters	4.0%	Two or More Races	1.0%
Without a High School Diploma	0.3%	White alone, not Hispanic or Latino, percent	82.0%
Without Access to Broadband Internet	0.0%	Hispanic or Latino	4.0%

¹ This is inclusive of land area only.

Plandome Heights is a mature community, with limited growth outside of building renovations and/or expansions. By understanding these development trends and how they intersect with hazard-prone areas, this allows for current and future vulnerabilities to be planned for and avoided.

Refer to the **County Profile** section of this plan for additional information related to current and future conditions of the County’s vulnerable population and the natural environment. This information provides important context for understanding hazard mitigation planning.

Hazard Vulnerability

This section summarizes how the natural hazards profiled in Section 4 of this plan impact the Village of Plandome Heights. The jurisdiction identified Hurricane as a natural hazard that impacts the community. Table 2 shows the sectors of the community that are most likely to be impacted by each hazard. The categories that were considered included the community, economy, health and social services, housing, infrastructure, natural and cultural resources, or no impact. No impact indicates that the jurisdiction did not identify a noticeable impact from the hazard over the past five years, even if the hazard occurs. This information was used to develop a relevant and effective mitigation strategy for the jurisdiction. Detailed hazard event histories, critical facility exposure, and additional vulnerability information can be found in each hazard profile in Section 4 of this plan.

The hazards that most impact the Village of Plandome Heights include: **Hurricane**.

Table 2: Village of Plandome Heights Hazard Impacts

Hazard	Impact Categories
Coastal Hazards	Housing
Drought	No Impact
Extreme Temperatures	No Impact
Flooding	No Impact
Ground Failure	No Impact
Hurricane and Tropical Storms	Community, Housing
Hail	No Impact
Lightning	No Impact
Severe Winter Weather	Housing
Tornados	No Impact
Wind	Housing

Capability Assessment

This section summarizes the capabilities that the Village of Plandome Heights has in place that can support hazard mitigation. These capabilities include plans, ordinances, staff, financial resources, and program participation. This Capability Assessment was used to help drive the

identification and development of the projects presented in the Mitigation Strategy to make sure that they are appropriate in scope and achievable to implement.

Legal and Regulatory Capability Assessment

Table 3 lists the assessment of existing legal and regulatory tools for the Village of Plandome Heights. The Village of Plandome Heights maintains several key administrative and technical capabilities to support mitigation, including building codes, capital improvement plans, and emergency response plans. These capabilities are critical to consider as tools in developing and implementing mitigation strategies. To further enhance their mitigation capabilities, the Village can consider the capabilities in the table below that the Village currently does not have. These additional capabilities would either support creating a legal framework or strategy for implementing a diversity of mitigation actions.

Table 3: Village of Plandome Heights Existing Legal and Regulatory Capabilities

Regulatory Tool	Yes / No	Citation (if applicable)
Access and Functional Needs Plan	No	
Building Code	Yes	
Capital Improvement Plan	Yes	
Climate Action Plan	No	
Community Development Plan	No	
Comprehensive Plan / Master Plan	No	
Economic Development Plan(s)	No	
Emergency Response Plan(s)	Yes	
Floodplain Management Plan(s)	No	
Growth Management Plan(s)	No	
NFIP Flood Damage Prevention Ordinance(s)	No	
Open Space Plan(s)	No	
Post Disaster Recovery Ordinance(s)	No	
Post Disaster Recovery Plan(s)	No	
Real Estate Disclosure Requirements	No	
Resilience Plan(s)	No	
Site Plan Review Requirement(s)	No	
Small Area Development Plan(s)	No	
Special Purpose Ordinance(s)	No	
Stormwater Management Plan(s)	No	
Subdivision Ordinance(s)	No	
Transportation Plan(s)	No	

Regulatory Tool	Yes / No	Citation (if applicable)
Zoning Ordinance(s)	No	

Administrative and Technical Capability Assessment

Table 4 lists the assessment of existing administrative and technical tools for the Village of Plandome Heights. The Village of Plandome Height's primary administrative and technical capabilities include construction practices and personnel. The Village can bolster their capabilities in this category by identifying individuals with expertise in emergency management and planning (specifically related to flooding).

Table 4: Village of Plandome Heights Existing Staff / Personnel Resource

Staff / Personnel Resource	Yes / No	Details
Emergency Manager(s)	No	
Engineer(s) trained in construction practices related to buildings/infrastructure	No	
Engineer(s) with an understanding of natural and/or human caused hazards	No	
Engineer(s) with knowledge of land development and land management practices	No	
Grant Writers	No	
Personnel skilled or trained in Geographic Information Systems	No	
Personnel trained in construction practices related to buildings/infrastructure	Yes	Part-time Building Inspector
Planner(s) with an understanding of natural hazards	No	
Planner(s) with knowledge of land development and land management practices	No	
Scientist(s) familiar with natural hazards	No	
Surveyors	No	

Fiscal Capability Assessment

Table 5 lists the assessment of existing fiscal tools for the Village of Plandome Heights. Funding is often the biggest barrier when implementing mitigation programs. The Village is primarily able to fund mitigation programs by capital improvement project funding and impact fees for home buyers and/or developers. Village of Plandome Heights should consider exploring additional fiscal capabilities in order to gain access to additional funding for mitigation.

Table 5: Village of Plandome Heights Existing Fiscal Capabilities

Resources	Yes / No	Additional Details
Ability to incur debt through general obligation bonds	No	
Ability to incur debt through private activity bonds	No	
Ability to incur debt through special tax bonds	No	
Authority to levy taxes for specific purposes	No	
Authority to utilize user fees for utility services	No	
Authority to withhold public expenditures in hazard prone areas	No	
Capital improvements project funding	Yes	
Community Development Block Grants (CDBG)	No	
Impact fees for home buyers and/or developers	Yes	Charge an impact fee on an extremely rare recent subdivision.
State mitigation grant programs	No	

Community Classification Assessment

Table 6 lists the assessment of existing community classifications for the Village of Plandome Heights. Exploring gaining one or more community classifications will guide the Village's mitigation programs and support capacity building.

Table 6: Village of Plandome Heights Community Classifications

Classification	Yes/No (or Status)
Building Code Effectiveness Grading Schedule (BCEGS)	No
Public Protection Classification Program	No
Community Rating System (CRS)	No
Other Classifications	No

National Flood Insurance Program Summary

This section provides a summary of the floodplain management capabilities for Village of Plandome Heights and how the jurisdiction is meeting the requirements of the National Flood Insurance Program (NFIP). Flood-prone areas in the Village include homes near the coast on Shore Road, the Beachway, Bayview Circle, and Waterside Lane.

The Village's Building Inspector is responsible for floodplain management. The Village administers the NFIP through building permit and site plan review. The Village did not note any

current barriers to running a successful NFIP program. The flood maps for this jurisdiction accurately portray the current flood risk. There are currently no RiskMAP projects ongoing in this jurisdiction.

The Village reported that no properties were substantially damaged as a result of recent flood events. The Village of Plandome Heights is in good standing with the NFIP. Based on documentation received from NYSDEC, the Village had its last Community Assistance Contact on 01/30/2020 and its last Community Assistance Visit on 08/04/2010. There are no NFIP compliance violations that need to be addressed in this jurisdiction.

The Flood Damage Prevention Ordinance for the Village of Plandome Heights meets minimum requirements. The ordinance was last amended 06/01/2009 and can be referenced in Chapter 65, Village Code.

Mitigation Strategy

The following section provides an overview of the mitigation strategy for Village of Plandome Heights. It provides an overview of the jurisdiction’s previous mitigation actions, proposed actions, and the NYS mitigation worksheets.

Previous Mitigation Actions

This jurisdiction did not participate in the 2014 hazard mitigation plan.

Proposed Mitigation Actions

Project Number	VPH_1	VPH_2	VPH_3	VPH_4
Project Name	Develop a Continuity of Operations Plan	Healthy Trees Maintenance Program	Emergency Generator Installations at Critical Facility	Harden or Upgrade Utilities to be Disaster-Resistant
Goal being met	2, 3, 4	3	2, 3	1
Hazards to be mitigated	All-natural hazards	High winds, hurricanes, strong rains, power outages	All hazards that cause power outages	High Wind, Hurricanes, Ice Storms
Priority Ranking	High	High	High	High
Description of the Problem	Lack of resources (only one full-time employee) prevents us from preparing a continuity of operations plan (COOP). Having a COOP plan would help the Village better prepare our residents and community for hazards. Due to lack of resources, having a COOP would significantly assist the Village in communicating and coordinating among residents during times of disaster.	High winds and strong rains bring down trees that damage property and potentially life. No amount of tree maintenance can expose every issue because Mother Nature is involved and some vulnerabilities are hidden. But aggressively trimming trees can help reduce "windage" and "sail" and searching for vulnerable trees for elimination can prevent damage. Power outages are also a problem.	As Village Hall does not have a generator, when there is a prolonged electrical outage it is unable to continue functioning as the critical facility it is.	The Village's fundamental electrical infrastructure is largely 80, or more, years old dating back to the establishment of the Village in 1929 and a large development in the 1940s. Therefore, Plandome Heights has outdated "tri wire" distribution wires which should be hardened to current delivery standard. Many of the Village's utility poles have reached their useful life and the Village also has many aging or near obsolete transformers. Plandome Heights experiences many power outages during storms and high wind conditions. Updating and hardening this aged infrastructure would help greatly in mitigating outages due to storms and other high wind events.
Description of the Solution	Prepare a comprehensive continuity of operations plan	Develop a tree maintenance plan that lays out a process for	Install a fixed, emergency generator at Village Hall to ensure continued	Harden and/or enhance the utility lines, poles, transistors, switches and

Project Number	VPH_1	VPH_2	VPH_3	VPH_4
	<p>to address the flow of communications between the Village and its residents, the coordination of Village operations and the conduct of business during response and recovery of a disaster.</p> <p>In addition to the creation of strategies, this plan needs to address structural issues such as the need for an electric generator to ensure that Village Hall can operate with electricity during disasters.</p>	<p>identifying vulnerable trees and monitoring and maintaining healthy ones to reduce the long-term risk posed by trees to properties and public streets and utilities including electric, phone, cable, and Fios.</p>	<p>service during a storm or emergency event and the installation of underground power lines.</p>	<p>any other critical utility installments/parts in the Village.</p>
Critical Facility	No	No	Yes	Yes
EHP Issues	No	No	No	No
Estimated Timeline	3 Months	3 Months	1 Year	Ongoing
Lead Agency	Village of Plandome Heights	Village of Plandome Heights	Village of Plandome Heights	PSEG
Estimated Costs	\$10,000 per year	\$10,000 per year	To be determined	To be determined
Estimated Benefits	Reduced property damage and an increased ability to continue operations during emergencies and disasters	Tens of thousands of dollars saved in property damage, and reduction in loss of life.	Continued service at each critical facility during a storm or emergency event and the installation of underground power lines.	Protection of life safety
Potential Funding Sources	Taxes	Taxes	FEMA HMGP	FEMA Grants

Mitigation Action Worksheets

The following pages contain mitigation action worksheets that provide additional detail some of the jurisdiction's proposed mitigation actions.

Nassau County Multi-Jurisdictional Hazard Mitigation Plan

Name of Jurisdiction: Incorporated Village of Plandome Heights

NYS DHSES Action Worksheet			
Project Name:	Healthy Trees Maintenance Program		
Project Number:	VPH_2		
Risk / Vulnerability			
Hazard of Concern:	The Village is a very treed community. High winds, hurricanes, and strong rains bring down trees that damage property and potentially life		
Description of the Problem:	High winds and strong rains bring down trees that damage property and potentially life. No amount of tree maintenance can expose every issue because Mother Nature is involved and some vulnerabilities are hidden. But aggressively trimming trees can help reduce "windage" and "sail" and searching for vulnerable trees for elimination can prevent damage. Power outages are also a problem.		
Action or Project Intended for Implementation			
Description of the Solution:	Develop a tree maintenance plan that lays out a process for identifying vulnerable trees and monitoring and maintaining healthy ones to reduce the long-term risk posed by trees to properties and public streets and utilities including electric, phone, cable, and Fios.		
Is this project related to a Critical Facility?		Yes <input type="checkbox"/>	No <input checked="" type="checkbox"/>
(If yes, this project must intend to protect to the 500-year flood event or the actual worst damage scenario, whichever is greater.)			
Level of Protection:	Medium	Estimated Benefits (losses avoided):	Tens of thousands of dollars saved in property damage, and reduction in loss of life.
Useful Life:	Ongoing		
Estimated Cost:	\$10,000 per year		
Plan for Implementation			
Prioritization:	High	Desired Timeframe for Implementation:	Now
Estimated Time Required for Project Implementation:	Three months	Potential Funding Sources:	Taxes
Responsible Organization:	Village of Plandome Heights	Local Planning Mechanisms to be Used in Implementation, if any:	Current CEMP
Three Alternatives Considered (including No Action)			
Alternatives:	<i>Action</i>	<i>Estimated Cost</i>	<i>Evaluation</i>
	No Action	\$0	
	Use of volunteers	\$1,000	Not effective enough
	Hire an outside firm	\$10,000	Not cost-effective
Progress Report (for plan maintenance)			
Date of Status Report:			
Report of Progress:			
Update Evaluation of the Problem and/or Solution:			

Instructions

(Name of Jurisdiction) _____

NYS DHSES Action Worksheet			
Project Name:	Each action must have a unique project number referenced here and in the Action Tables.		
Project Number:	Each action must have a unique project name referenced here and in the Action Tables.		
Risk / Vulnerability			
Hazard of Concern:	Identify the hazard being addressed with this action.		
Description of the Problem:	Provide a detailed narrative of the problem. Describe the natural hazard you wish to mitigate, its impacts to the jurisdiction, past damages and loss of service, etc. Include the street address of the property/project location (if applicable), adjacent streets, and easily identified landmarks such as water bodies and well-known structures, and end with a brief description of existing conditions (topography, terrain, hydrology) of the site.		
Action or Project Intended for Implementation			
Description of the Solution:	Provide a detailed narrative of the solution. Describe the physical area (project limits) to be affected, both by direct work and by the project's effects; how the action would address the existing conditions previously identified; proposed construction methods, including any excavation and earth-moving activities; where you are in the development process (e.g., are studies and/or drawings complete), etc., the extent of any analyses or studies performed (attach any reports or studies).		
Is this project related to a Critical Facility?		Yes <input type="checkbox"/>	No <input type="checkbox"/>
(If yes, this project must intend to protect to the 500-year flood event or the actual worst damage scenario, whichever is greater.)			
Level of Protection:	Identify the level of protection the proposed project will provide. Ex. 100-year (1%) flood.	Estimated Benefits (losses avoided):	Identify the benefits that implementation of this project will provide. If dollar amounts are known, include them. If dollar amounts are unknown or are unquantifiable, describe the losses that will be avoided.
Useful Life:	Identify the number of years the project will provide protection against the hazard.		
Estimated Cost:	Identify all estimated costs associated with implementation.		
Plan for Implementation			
Prioritization:	Identify the priority based on the prioritization method agreed upon.	Desired Timeframe for Implementation:	Identify the desired start time for this project. Ex. Within 6 months.
Estimated Time Required for Project Implementation:	Provided the estimated time required to complete the project from start to end.	Potential Funding Sources:	Multiple sources of potential funding should be listed when appropriate.
Responsible Organization:	Identify the name of a department or agency responsible for implementation, not the jurisdiction.	Local Planning Mechanisms to be Used in Implementation, if any:	Consider the use of local planning mechanisms that will be used to implement this project.
Three Alternatives Considered (including No Action)			
Alternatives:	<i>Action</i>	<i>Estimated Cost</i>	<i>Evaluation</i>
	No Action	\$0	
	Alternative 1 Brief Description		Include a description of pros/cons of Alternative 1.
	Alternative 2 Brief Description		Include a description of pros/cons of Alternative 2.
Progress Report (for plan maintenance)			
Date of Status Report:	This section should be completed during plan maintenance/evaluation.		
Report of Progress:	Describe what progress, if any, has been made on this project. If it has been determined the jurisdiction no longer wishes to pursue implementation, state that here and indicate why.		
Update Evaluation of the Problem and/or Solution:	Provide an updated description of the problem and solution, and what has happened since initial consideration/development.		

Nassau County Multi-Jurisdictional Hazard Mitigation Plan

Name of Jurisdiction: Incorporated Village of Plandome Heights

NYS DHSES Action Worksheet			
Project Name:	Develop a Continuity of Operations Plan		
Project Number:	VPH_1		
Risk / Vulnerability			
Hazard of Concern:	All natural hazards		
Description of the Problem:	<p>Lack of resources (only one full-time employee) prevents us from preparing a continuity of operations plan (COOP). Having a COOP plan would help the Village better prepare our residents and community for hazards. Due to lack of resources, having a COOP would significantly assist the Village in communicating and coordinating among residents during times of disaster.</p> <p>For example, after Storm Sandy and during COVID-19, Village Hall had closures and reduced service and it was difficult to communicate status with residents and other constituents.</p> <p>One of the threats to continuity of operations is that the Village lacks a generator to permit it to remain operational during power outages.</p>		
Action or Project Intended for Implementation			
Description of the Solution:	<p>Prepare a comprehensive continuity of operations plan to address the flow of communications between the Village and its residents, the coordination of Village operations and the conduct of business during response and recovery of a disaster.</p> <p>In addition to the creation of strategies, this plan needs to address structural issues such as the need for an electric generator to ensure that Village Hall can operate with electricity during disasters.</p>		
Is this project related to a Critical Facility?		Yes	No <input checked="" type="checkbox"/>
(If yes, this project must intend to protect to the 500-year flood event or the actual worst damage scenario, whichever is greater.)			
Level of Protection:	Medium	Estimated Benefits (losses avoided):	Reduced property damage and an increased ability to continue operations during emergencies and disasters
Useful Life:	Ongoing		
Estimated Cost:	\$10,000 / year		
Plan for Implementation			
Prioritization:	High	Desired Timeframe for Implementation:	Now
Estimated Time Required for Project Implementation:	Three months	Potential Funding Sources:	Taxes
Responsible Organization:	Village of Plandome Heights	Local Planning Mechanisms to be Used in Implementation, if any:	Current CEMP
Three Alternatives Considered (including No Action)			
Alternatives:	<i>Action</i>	<i>Estimated Cost</i>	<i>Evaluation</i>
	No Action	\$0	
	Use of volunteers	\$1,000	Not effective enough
	Use of monthly newsletters	\$3,000	Not effective in the specifics of a disaster
Progress Report (for plan maintenance)			
Date of Status Report:			
Report of Progress:			

Update Evaluation of
the Problem and/or
Solution:

Instructions

(Name of Jurisdiction) _____

NYS DHSES Action Worksheet			
Project Name:	Each action must have a unique project number referenced here and in the Action Tables.		
Project Number:	Each action must have a unique project name referenced here and in the Action Tables.		
Risk / Vulnerability			
Hazard of Concern:	Identify the hazard being addressed with this action.		
Description of the Problem:	Provide a detailed narrative of the problem. Describe the natural hazard you wish to mitigate, its impacts to the jurisdiction, past damages and loss of service, etc. Include the street address of the property/project location (if applicable), adjacent streets, and easily identified landmarks such as water bodies and well-known structures, and end with a brief description of existing conditions (topography, terrain, hydrology) of the site.		
Action or Project Intended for Implementation			
Description of the Solution:	Provide a detailed narrative of the solution. Describe the physical area (project limits) to be affected, both by direct work and by the project's effects; how the action would address the existing conditions previously identified; proposed construction methods, including any excavation and earth-moving activities; where you are in the development process (e.g., are studies and/or drawings complete), etc., the extent of any analyses or studies performed (attach any reports or studies).		
Is this project related to a Critical Facility?		Yes <input type="checkbox"/>	No <input type="checkbox"/>
(If yes, this project must intend to protect to the 500-year flood event or the actual worst damage scenario, whichever is greater.)			
Level of Protection:	Identify the level of protection the proposed project will provide. Ex. 100-year (1%) flood.	Estimated Benefits (losses avoided):	Identify the benefits that implementation of this project will provide. If dollar amounts are known, include them. If dollar amounts are unknown or are unquantifiable, describe the losses that will be avoided.
Useful Life:	Identify the number of years the project will provide protection against the hazard.		
Estimated Cost:	Identify all estimated costs associated with implementation.		
Plan for Implementation			
Prioritization:	Identify the priority based on the prioritization method agreed upon.	Desired Timeframe for Implementation:	Identify the desired start time for this project. Ex. Within 6 months.
Estimated Time Required for Project Implementation:	Provided the estimated time required to complete the project from start to end.	Potential Funding Sources:	Multiple sources of potential funding should be listed when appropriate.
Responsible Organization:	Identify the name of a department or agency responsible for implementation, not the jurisdiction.	Local Planning Mechanisms to be Used in Implementation, if any:	Consider the use of local planning mechanisms that will be used to implement this project.
Three Alternatives Considered (including No Action)			
Alternatives:	<i>Action</i>	<i>Estimated Cost</i>	<i>Evaluation</i>
	No Action	\$0	
	Alternative 1 Brief Description		Include a description of pros/cons of Alternative 1.
	Alternative 2 Brief Description		Include a description of pros/cons of Alternative 2.
Progress Report (for plan maintenance)			
Date of Status Report:	This section should be completed during plan maintenance/evaluation.		
Report of Progress:	Describe what progress, if any, has been made on this project. If it has been determined the jurisdiction no longer wishes to pursue implementation, state that here and indicate why.		
Update Evaluation of the Problem and/or Solution:	Provide an updated description of the problem and solution, and what has happened since initial consideration/development.		

Nassau County Multi-Jurisdictional Hazard Mitigation Plan

Name of Jurisdiction: Village of Plandome Heights

NYS DHSES Action Worksheet			
Project Name:	Emergency Generator Installations at Critical Facility		
Project Number:	VPH_3		
Risk / Vulnerability			
Hazard of Concern:	All hazards that cause power outages		
Description of the Problem:	As Village Hall does not have a generator, when there is a prolonged electrical outage it is unable to continue functioning as the critical facility it is.		
Action or Project Intended for Implementation			
Description of the Solution:	Install a fixed, emergency generator at Village Hall to ensure continued service during a storm or emergency event and the installation of underground power lines.		
Is this project related to a Critical Facility?		Yes	<input checked="" type="checkbox"/>
		No	<input type="checkbox"/>
(If yes, this project must intend to protect to the 500-year flood event or the actual worst damage scenario, whichever is greater.)			
Level of Protection:	Power Outages	Estimated Benefits (losses avoided):	Continued service at each critical facility during a storm or emergency event and the installation of underground power lines.
Useful Life:	25-30 Years		
Estimated Cost:	To be determined		
Plan for Implementation			
Prioritization:	High	Desired Timeframe for Implementation:	2021
Estimated Time Required for Project Implementation:	1 Year	Potential Funding Sources:	FEMA HMGP
Responsible Organization:	Village of Plandome Heights	Local Planning Mechanisms to be Used in Implementation, if any:	
Three Alternatives Considered (including No Action)			
Alternatives:	<i>Action</i>	<i>Estimated Cost</i>	<i>Evaluation</i>
	No Action	\$0	Power outages would continue to disrupt emergency response capabilities
	Full size generators or portable units may be rented	\$20,000-\$40,000 depending on length of outage and size of generators.	Lead time for set up and obtaining units is required; not feasible for times of sudden power loss,
	Solar panel systems and battery storage can be utilized	\$50,000-\$150,000 depending on size and number of panels	Feasibility is unclear; storage of power poses significant challenge.

Instructions

(Name of Jurisdiction) _____

NYS DHSES Action Worksheet			
Project Name:	Each action must have a unique project number referenced here and in the Action Tables.		
Project Number:	Each action must have a unique project name referenced here and in the Action Tables.		
Risk / Vulnerability			
Hazard of Concern:	Identify the hazard being addressed with this action.		
Description of the Problem:	Provide a detailed narrative of the problem. Describe the natural hazard you wish to mitigate, its impacts to the jurisdiction, past damages and loss of service, etc. Include the street address of the property/project location (if applicable), adjacent streets, and easily identified landmarks such as water bodies and well-known structures, and end with a brief description of existing conditions (topography, terrain, hydrology) of the site.		
Action or Project Intended for Implementation			
Description of the Solution:	Provide a detailed narrative of the solution. Describe the physical area (project limits) to be affected, both by direct work and by the project's effects; how the action would address the existing conditions previously identified; proposed construction methods, including any excavation and earth-moving activities; where you are in the development process (e.g., are studies and/or drawings complete), etc., the extent of any analyses or studies performed (attach any reports or studies).		
Is this project related to a Critical Facility?		Yes <input type="checkbox"/>	No <input type="checkbox"/>
(If yes, this project must intend to protect to the 500-year flood event or the actual worst damage scenario, whichever is greater.)			
Level of Protection:	Identify the level of protection the proposed project will provide. Ex. 100-year (1%) flood.	Estimated Benefits (losses avoided):	Identify the benefits that implementation of this project will provide. If dollar amounts are known, include them. If dollar amounts are unknown or are unquantifiable, describe the losses that will be avoided.
Useful Life:	Identify the number of years the project will provide protection against the hazard.		
Estimated Cost:	Identify all estimated costs associated with implementation.		
Plan for Implementation			
Prioritization:	Identify the priority based on the prioritization method agreed upon.	Desired Timeframe for Implementation:	Identify the desired start time for this project. Ex. Within 6 months.
Estimated Time Required for Project Implementation:	Provided the estimated time required to complete the project from start to end.	Potential Funding Sources:	Multiple sources of potential funding should be listed when appropriate.
Responsible Organization:	Identify the name of a department or agency responsible for implementation, not the jurisdiction.	Local Planning Mechanisms to be Used in Implementation, if any:	Consider the use of local planning mechanisms that will be used to implement this project.
Three Alternatives Considered (including No Action)			
Alternatives:	<i>Action</i>	<i>Estimated Cost</i>	<i>Evaluation</i>
	No Action	\$0	
	Alternative 1 Brief Description		Include a description of pros/cons of Alternative 1.
	Alternative 2 Brief Description		Include a description of pros/cons of Alternative 2.
Progress Report (for plan maintenance)			
Date of Status Report:	This section should be completed during plan maintenance/evaluation.		
Report of Progress:	Describe what progress, if any, has been made on this project. If it has been determined the jurisdiction no longer wishes to pursue implementation, state that here and indicate why.		
Update Evaluation of the Problem and/or Solution:	Provide an updated description of the problem and solution, and what has happened since initial consideration/development.		

Nassau County Multi-Jurisdictional Hazard Mitigation Plan

Name of Jurisdiction: Village of Plandome Heights

NYS DHSES Action Worksheet			
Project Name:	Harden or Upgrade Utilities to be Disaster-Resistant		
Project Number:	VPH_4		
Risk / Vulnerability			
Hazard of Concern:	High Wind, Hurricanes, Ice Storms		
Description of the Problem:	The Village's fundamental electrical infrastructure is largely 80, or more, years old dating back to the establishment of the Village in 1929 and a large development in the 1940s. Therefore, Plandome Heights has outdated "tri wire" distribution wires which should be hardened to current delivery standard. Many of the Village's utility poles have reached their useful life and the Village also has many aging or near obsolete transformers. Plandome Heights experiences many power outages during storms and high wind conditions. Updating and hardening this aged infrastructure would help greatly in mitigating outages due to storms and other high wind events.		
Action or Project Intended for Implementation			
Description of the Solution:	Harden and/or enhance the utility lines, poles, transisters, switches and any other critical utility installments/parts in the Village.		
Is this project related to a Critical Facility?		Yes	<input checked="" type="checkbox"/>
		No	<input type="checkbox"/>
(If yes, this project must intend to protect to the 500-year flood event or the actual worst damage scenario, whichever is greater.)			
Level of Protection:	Multi-hazard Protection	Estimated Benefits (losses avoided):	Protection of life safety.
Useful Life:	100 Years		
Estimated Cost:	To be determined		
Plan for Implementation			
Prioritization:	High	Desired Timeframe for Implementation:	2021
Estimated Time Required for Project Implementation:	Ongoing	Potential Funding Sources:	FEMA Grants
Responsible Organization:	PSEG	Local Planning Mechanisms to be Used in Implementation, if any:	
Three Alternatives Considered (including No Action)			
Alternatives:	<i>Action</i>	<i>Estimated Cost</i>	<i>Evaluation</i>
	No Action	\$0	None
	Purchase portable generators to deploy to areas with power outages	\$50,000-\$100,000 per generator	This action wouldn't prevent direct damages from downed poles or lines
	Maintain with more durable light bases and poles	<\$50,000	This is not fiesable for a long-term solution

Instructions

(Name of Jurisdiction) _____

NYS DHSES Action Worksheet			
Project Name:	Each action must have a unique project number referenced here and in the Action Tables.		
Project Number:	Each action must have a unique project name referenced here and in the Action Tables.		
Risk / Vulnerability			
Hazard of Concern:	Identify the hazard being addressed with this action.		
Description of the Problem:	Provide a detailed narrative of the problem. Describe the natural hazard you wish to mitigate, its impacts to the jurisdiction, past damages and loss of service, etc. Include the street address of the property/project location (if applicable), adjacent streets, and easily identified landmarks such as water bodies and well-known structures, and end with a brief description of existing conditions (topography, terrain, hydrology) of the site.		
Action or Project Intended for Implementation			
Description of the Solution:	Provide a detailed narrative of the solution. Describe the physical area (project limits) to be affected, both by direct work and by the project's effects; how the action would address the existing conditions previously identified; proposed construction methods, including any excavation and earth-moving activities; where you are in the development process (e.g., are studies and/or drawings complete), etc., the extent of any analyses or studies performed (attach any reports or studies).		
Is this project related to a Critical Facility?		Yes <input type="checkbox"/>	No <input type="checkbox"/>
(If yes, this project must intend to protect to the 500-year flood event or the actual worst damage scenario, whichever is greater.)			
Level of Protection:	Identify the level of protection the proposed project will provide. Ex. 100-year (1%) flood.	Estimated Benefits (losses avoided):	Identify the benefits that implementation of this project will provide. If dollar amounts are known, include them. If dollar amounts are unknown or are unquantifiable, describe the losses that will be avoided.
Useful Life:	Identify the number of years the project will provide protection against the hazard.		
Estimated Cost:	Identify all estimated costs associated with implementation.		
Plan for Implementation			
Prioritization:	Identify the priority based on the prioritization method agreed upon.	Desired Timeframe for Implementation:	Identify the desired start time for this project. Ex. Within 6 months.
Estimated Time Required for Project Implementation:	Provided the estimated time required to complete the project from start to end.	Potential Funding Sources:	Multiple sources of potential funding should be listed when appropriate.
Responsible Organization:	Identify the name of a department or agency responsible for implementation, not the jurisdiction.	Local Planning Mechanisms to be Used in Implementation, if any:	Consider the use of local planning mechanisms that will be used to implement this project.
Three Alternatives Considered (including No Action)			
Alternatives:	<i>Action</i>	<i>Estimated Cost</i>	<i>Evaluation</i>
	No Action	\$0	
	Alternative 1 Brief Description		Include a description of pros/cons of Alternative 1.
	Alternative 2 Brief Description		Include a description of pros/cons of Alternative 2.
Progress Report (for plan maintenance)			
Date of Status Report:	This section should be completed during plan maintenance/evaluation.		
Report of Progress:	Describe what progress, if any, has been made on this project. If it has been determined the jurisdiction no longer wishes to pursue implementation, state that here and indicate why.		
Update Evaluation of the Problem and/or Solution:	Provide an updated description of the problem and solution, and what has happened since initial consideration/development.		