



EPA KEY CONTACTS FORM

OMB Number: 2030-0020
Expiration Date: 06/30/2024

Authorized Representative: *Original awards and amendments will be sent to this individual for review and acceptance, unless otherwise indicated.*

Name: Prefix: **First Name:** **Middle Name:**

Last Name: **Suffix:**

Title:

Complete Address:

Street1:

Street2:

City:

State:

Zip / Postal Code:

Country:

Phone Number:

Fax Number:

E-mail Address:

Payee: *Individual authorized to accept payments.*

Name: Prefix: **First Name:** **Middle Name:**

Last Name: **Suffix:**

Title:

Complete Address:

Street1:

Street2:

City:

State:

Zip / Postal Code:

Country:

Phone Number:

Fax Number:

E-mail Address:

Administrative Contact: *Individual from Sponsored Programs Office to contact concerning administrative matters (i.e., indirect cost rate computation, rebudgeting requests etc).*

Name: Prefix: **First Name:** **Middle Name:**

Last Name: **Suffix:**

Title:

Complete Address:

Street1:

Street2:

City:

State:

Zip / Postal Code:

Country:

Phone Number:

Fax Number:

E-mail Address:

EPA KEY CONTACTS FORM

Project Manager: *Individual responsible for the technical completion of the proposed work.*

Name: Prefix: **First Name:** **Middle Name:**
Last Name: **Suffix:**
Title:

Complete Address:

Street1:
Street2:
City: **State:**
Zip / Postal Code: **Country:**
Phone Number: **Fax Number:**
E-mail Address:



Preaward Compliance Review Report for All Applicants and Recipients Requesting EPA Financial Assistance

Note: Read Instructions before completing form.

I. A. Applicant/Recipient (Name, Address, City, State, Zip Code)

Name:

Address:

City:

State: Zip Code:

B. Unique Entity Identifier (UEI):

C. Applicant/Recipient Point of Contact

Name:

Phone:

Email:

Title:

II. Is the applicant currently receiving EPA Assistance? Yes No

III. List all pending civil rights lawsuits and administrative complaints filed under federal law against the applicant/recipient that allege discrimination based on race, color, national origin, sex, age, or disability. (Do not include employment complaints not covered by 40 C.F.R. Parts 5 and 7.)

See attachment "EPA Form 4700-4_NYSDEC."

IV. List all civil rights lawsuits and administrative complaints decided against the applicant/recipient within the last year that alleged discrimination based on race, color, national origin, sex, age, or disability and enclose a copy of all decisions. Please describe all corrective actions taken. (Do not include employment complaints not covered by 40 C.F.R. Parts 5 and 7.)

See attachment "EPA Form 4700-4_NYSDEC."

V. List all civil rights compliance reviews of the applicant/recipient conducted under federal nondiscrimination laws by any federal agency within the last two years and enclose a copy of the review and any decisions, orders, or agreements based on the review. Please describe any corrective action taken. (40 C.F.R. § 7.80(c)(3))

See attachment "EPA Form 4700-4_NYSDEC."

VI. Is the applicant requesting EPA assistance for new construction? If no, proceed to VII; if yes, answer (a) and/or (b) below.

Yes No

a. If the grant is for new construction, will all new facilities or alterations to existing facilities be designed and constructed to be readily accessible to and usable by persons with disabilities? If yes, proceed to VII; if no, proceed to VI(b).

Yes No

b. If the grant is for new construction and the new facilities or alterations to existing facilities will not be readily accessible to and usable by persons with disabilities, explain how a regulatory exception (40 C.F.R. 7.70) applies.

- VII. Does the applicant/recipient provide initial and continuing notice that it does not discriminate on the basis of race, color, national origin, sex, age, or disability in its program or activities? (40 C.F.R 5.140 and 7.95) Yes No
- a. Do the methods of notice accommodate those with impaired vision or hearing? Yes No
- b. Is the notice posted in a prominent place in the applicant's/recipient's website, in the offices or facilities or, for education programs and activities, in appropriate periodicals and other written communications? Yes No
- c. Does the notice identify a designated civil rights coordinator? Yes No
- VIII. Does the applicant/recipient maintain demographic data on the race, color, national origin, sex, age, or disability status of the population it serves? (40 C.F.R. 7.85(a)) Yes No
- IX. Does the applicant/recipient have a policy/procedure for providing meaningful access to services for persons with limited English proficiency? (Title VI, 40 C.F.R. Part 7, *Lau v Nichols* 414 U.S. (1974)) Yes No
- X. If the applicant is an education program or activity, or has 15 or more employees, has it designated an employee to coordinate its compliance with 40 C.F.R. Parts 5 and 7? Provide the name, title, position, mailing address, e-mail address, fax number, and telephone number of the designated coordinator.

Megan Allard, Interim Nondiscrimination Coordinator, 625 Broadway, Albany NY 12233-3254, federal.rights@dec.ny.gov, Phone: 5184028184, Fax: 5184869957

- XI. If the applicant is an education program or activity, or has 15 or more employees, has it adopted grievance procedures that assure the prompt and fair resolution of complaints that allege a violation of 40 C.F.R. Parts 5 and 7? Provide a legal citation or applicant's/recipient's website address for, or a copy of, the procedures.

See attachment "EPA Form 4700-4_NYSDEC."

For the Applicant/Recipient

I certify that the statements I have made on this form and all attachments thereto are true, accurate and complete. I acknowledge that any knowingly false or misleading statement may be punishable by fine or imprisonment or both under applicable law. I assure that I will fully comply with all applicable civil rights statutes and EPA regulations.

A. Signature of Authorized Official

Nancy Lussier

B. Title of Authorized Official

Director, Management and Budget Services

C. Date

04/01/2024

For the U.S. Environmental Protection Agency

I have reviewed the information provided by the applicant/recipient and hereby certify that the applicant/recipient has submitted all preaward compliance information required by 40 C.F.R. Parts 5 and 7; that based on the information submitted, this application satisfies the preaward provisions of 40 C.F.R. Parts 5 and 7; and that the applicant has given assurance that it will fully comply with all applicable civil rights statutes and EPA regulations.

A. *Signature of Authorized EPA Official

B. Title of Authorized Official

C. Date

General. Recipients of Federal financial assistance from the U.S. Environmental Protection Agency must comply with the following statutes and regulations.

Title VI of the Civil Rights Acts of 1964 provides that no person in the United States shall, on the grounds of race, color, or national origin, be excluded from participation in, be denied the benefits of, or be subjected to discrimination under any program or activity receiving Federal financial assistance. The Act goes on to explain that the statute shall not be construed to authorize action with respect to any employment practice of any employer, employment agency, or labor organization (except where the primary objective of the Federal financial assistance is to provide employment). Section 13 of the 1972 Amendments to the Federal Water Pollution Control Act provides that no person in the United States shall on the ground of sex, be excluded from participation in, be denied the benefits of, or be subjected to discrimination under the Federal Water Pollution Control Act, as amended. Employment discrimination on the basis of sex is prohibited in all such programs or activities. Section 504 of the Rehabilitation Act of 1973 provides that no otherwise qualified individual with a disability in the United States shall solely by reason of disability be excluded from participation in, be denied the benefits of, or be subjected to discrimination under any program or activity receiving Federal financial assistance. Employment discrimination on the basis of disability is prohibited in all such programs or activities. The Age Discrimination Act of 1975 provides that no person on the basis of age shall be excluded from participation under any program or activity receiving Federal financial assistance. Employment discrimination is not covered. Age discrimination in employment is prohibited by the Age Discrimination in Employment Act administered by the Equal Employment Opportunity Commission. Title IX of the Education Amendments of 1972 provides that no person in the United States on the basis of sex shall be excluded from participation in, be denied the benefits of, or be subjected to discrimination under any education program or activity receiving Federal financial assistance. Employment discrimination on the basis of sex is prohibited in all such education programs or activities. Note: an education program or activity is not limited to only those conducted by a formal institution. 40 C.F.R. Part 5 implements Title IX of the Education Amendments of 1972. 40 C.F.R. Part 7 implements Title VI of the Civil Rights Act of 1964, Section 13 of the 1972 Amendments to the Federal Water Pollution Control Act, and Section 504 of The Rehabilitation Act of 1973.

Items "Applicant" means any entity that files an application or unsolicited proposal or otherwise requests EPA assistance. 40 C.F.R. §§ 5.105, 7.25. "Recipient" means any State or its political subdivision, any instrumentality of a State or its political subdivision, any public or private agency, institution, organizations, or other entity, or any person to which Federal financial assistance is extended directly or through another recipient, including any successor, assignee, or transferee of a recipient, but excluding the ultimate beneficiary of the assistance. 40 C.F.R. §§ 5.105, 7.25. "Civil rights lawsuits and administrative complaints" means any lawsuit or administrative complaint alleging discrimination on the basis of race, color, national origin, sex, age, or disability pending or decided against the applicant and/or entity which actually benefits from the grant, but excluding employment complaints not covered by 40 C.F.R. Parts 5 and 7. For example, if a city is the named applicant but the grant will actually benefit the Department of Sewage, civil rights lawsuits involving both the city and the Department of Sewage should be listed. "Civil rights compliance review" means: any federal agency-initiated investigation of a particular aspect of the applicant's and/or recipient's programs or activities to determine compliance with the federal non-discrimination laws. Submit this form with the original and required copies of applications, requests for extensions, requests for increase of funds, etc. Updates of information are all that are required after the initial application submission. If any item is not relevant to the project for which assistance is requested, write "NA" for "Not Applicable." In the event applicant is uncertain about how to answer any questions, EPA program officials should be contacted for clarification.

CERTIFICATION REGARDING LOBBYING

Certification for Contracts, Grants, Loans, and Cooperative Agreements

The undersigned certifies, to the best of his or her knowledge and belief, that:

(1) No Federal appropriated funds have been paid or will be paid, by or on behalf of the undersigned, to any person for influencing or attempting to influence an officer or employee of an agency, a Member of Congress, an officer or employee of Congress, or an employee of a Member of Congress in connection with the awarding of any Federal contract, the making of any Federal grant, the making of any Federal loan, the entering into of any cooperative agreement, and the extension, continuation, renewal, amendment, or modification of any Federal contract, grant, loan, or cooperative agreement.

(2) If any funds other than Federal appropriated funds have been paid or will be paid to any person for influencing or attempting to influence an officer or employee of any agency, a Member of Congress, an officer or employee of Congress, or an employee of a Member of Congress in connection with this Federal contract, grant, loan, or cooperative agreement, the undersigned shall complete and submit Standard Form-LLL, "Disclosure of Lobbying Activities," in accordance with its instructions.

(3) The undersigned shall require that the language of this certification be included in the award documents for all subawards at all tiers (including subcontracts, subgrants, and contracts under grants, loans, and cooperative agreements) and that all subrecipients shall certify and disclose accordingly. This certification is a material representation of fact upon which reliance was placed when this transaction was made or entered into. Submission of this certification is a prerequisite for making or entering into this transaction imposed by section 1352, title 31, U.S. Code. Any person who fails to file the required certification shall be subject to a civil penalty of not less than \$10,000 and not more than \$100,000 for each such failure.

Statement for Loan Guarantees and Loan Insurance

The undersigned states, to the best of his or her knowledge and belief, that:

If any funds have been paid or will be paid to any person for influencing or attempting to influence an officer or employee of any agency, a Member of Congress, an officer or employee of Congress, or an employee of a Member of Congress in connection with this commitment providing for the United States to insure or guarantee a loan, the undersigned shall complete and submit Standard Form-LLL, "Disclosure of Lobbying Activities," in accordance with its instructions. Submission of this statement is a prerequisite for making or entering into this transaction imposed by section 1352, title 31, U.S. Code. Any person who fails to file the required statement shall be subject to a civil penalty of not less than \$10,000 and not more than \$100,000 for each such failure.

*** APPLICANT'S ORGANIZATION**

New York State Department of Environmental Conservation

*** PRINTED NAME AND TITLE OF AUTHORIZED REPRESENTATIVE**

Prefix: * First Name: Middle Name:

* Last Name: Suffix:

* Title:

* SIGNATURE:

* DATE:

Other Attachment File(s)

* Mandatory Other Attachment Filename:

[Add Mandatory Other Attachment](#)

[Delete Mandatory Other Attachment](#)

[View Mandatory Other Attachment](#)

To add more "Other Attachment" attachments, please use the attachment buttons below.

[Add Optional Other Attachment](#)

[Delete Optional Other Attachment](#)

[View Optional Other Attachment](#)

Project Narrative File(s)

* **Mandatory Project Narrative File Filename:**

[Add Mandatory Project Narrative File](#)

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[View Mandatory Project Narrative File](#)

To add more Project Narrative File attachments, please use the attachment buttons below.

[Add Optional Project Narrative File](#)

[Delete Optional Project Narrative File](#)

[View Optional Project Narrative File](#)

Application for Federal Assistance SF-424		
* 1. Type of Submission: <input type="checkbox"/> Preapplication <input checked="" type="checkbox"/> Application <input type="checkbox"/> Changed/Corrected Application	* 2. Type of Application: <input checked="" type="checkbox"/> New <input type="checkbox"/> Continuation <input type="checkbox"/> Revision	* If Revision, select appropriate letter(s): <input type="text"/> * Other (Specify): <input type="text"/>
* 3. Date Received: <input type="text" value="04/01/2024"/>	4. Applicant Identifier: <input type="text"/>	
5a. Federal Entity Identifier: <input type="text"/>	5b. Federal Award Identifier: <input type="text"/>	
State Use Only:		
6. Date Received by State: <input type="text"/>	7. State Application Identifier: <input type="text"/>	
8. APPLICANT INFORMATION:		
* a. Legal Name: <input type="text" value="New York State Department of Environmental Conservation"/>		
* b. Employer/Taxpayer Identification Number (EIN/TIN): <input type="text" value="14-6013200"/>	* c. UEI: <input type="text" value="ZECZWASEN594"/>	
d. Address:		
* Street1: <input type="text" value="625 Broadway"/>	Street2: <input type="text" value="Attn: Bureau of Federal Accounting"/>	
* City: <input type="text" value="Albany"/>	County/Parish: <input type="text" value="Albany"/>	
* State: <input type="text" value="NY: New York"/>	Province: <input type="text"/>	
* Country: <input type="text" value="USA: UNITED STATES"/>	* Zip / Postal Code: <input type="text" value="12233-5022"/>	
e. Organizational Unit:		
Department Name: <input type="text" value="Environmental Conservation"/>	Division Name: <input type="text" value="Office of Climate Change"/>	
f. Name and contact information of person to be contacted on matters involving this application:		
Prefix: <input type="text"/>	* First Name: <input type="text" value="Jessica"/>	
Middle Name: <input type="text"/>	* Last Name: <input type="text" value="Fowler"/>	
Suffix: <input type="text"/>	Title: <input type="text" value="Climate Policy Analyst 2"/>	
Organizational Affiliation: <input type="text"/>		
* Telephone Number: <input type="text" value="5184021237"/>	Fax Number: <input type="text"/>	
* Email: <input type="text" value="jessica.fowler@dec.ny.gov"/>		

Application for Federal Assistance SF-424

*** 9. Type of Applicant 1: Select Applicant Type:**

A: State Government

Type of Applicant 2: Select Applicant Type:

Type of Applicant 3: Select Applicant Type:

* Other (specify):

*** 10. Name of Federal Agency:**

Environmental Protection Agency

11. Catalog of Federal Domestic Assistance Number:

66.046

CFDA Title:

Climate Pollution Reduction Grants

*** 12. Funding Opportunity Number:**

EPA-R-OAR-CPRGI-23-07

* Title:

Climate Pollution Reduction Grants Program: Implementation Grants (General Competition)

13. Competition Identification Number:

Title:

14. Areas Affected by Project (Cities, Counties, States, etc.):

Add Attachment

Delete Attachment

View Attachment

*** 15. Descriptive Title of Applicant's Project:**

New York State Climate Pollution Reduction Grants Implementation Grants: Building Community Resilience through Greenhouse Gas Emission Reductions

Attach supporting documents as specified in agency instructions.

Add Attachments

Delete Attachments

View Attachments

Application for Federal Assistance SF-424

16. Congressional Districts Of:

* a. Applicant

* b. Program/Project

Attach an additional list of Program/Project Congressional Districts if needed.

Add Attachment

Delete Attachment

View Attachment

17. Proposed Project:

* a. Start Date:

* b. End Date:

18. Estimated Funding (\$):

* a. Federal	<input type="text" value="155,719,069.00"/>
* b. Applicant	<input type="text" value="0.00"/>
* c. State	<input type="text" value="0.00"/>
* d. Local	<input type="text" value="0.00"/>
* e. Other	<input type="text" value="0.00"/>
* f. Program Income	<input type="text" value="0.00"/>
* g. TOTAL	<input type="text" value="155,719,069.00"/>

*** 19. Is Application Subject to Review By State Under Executive Order 12372 Process?**

a. This application was made available to the State under the Executive Order 12372 Process for review on

b. Program is subject to E.O. 12372 but has not been selected by the State for review.

c. Program is not covered by E.O. 12372.

*** 20. Is the Applicant Delinquent On Any Federal Debt? (If "Yes," provide explanation in attachment.)**

Yes No

If "Yes", provide explanation and attach

Add Attachment

Delete Attachment

View Attachment

21. *By signing this application, I certify (1) to the statements contained in the list of certifications and (2) that the statements herein are true, complete and accurate to the best of my knowledge. I also provide the required assurances** and agree to comply with any resulting terms if I accept an award. I am aware that any false, fictitious, or fraudulent statements or claims may subject me to criminal, civil, or administrative penalties. (U.S. Code, Title 18, Section 1001)**

** I AGREE

** The list of certifications and assurances, or an internet site where you may obtain this list, is contained in the announcement or agency specific instructions.

Authorized Representative:

Prefix: * First Name:

Middle Name:

* Last Name:

Suffix:

* Title:

* Telephone Number: Fax Number:

* Email:

* Signature of Authorized Representative: * Date Signed:

BUDGET INFORMATION - Non-Construction Programs

OMB Number: 4040-0006
Expiration Date: 02/28/2025

SECTION A - BUDGET SUMMARY

Grant Program Function or Activity (a)	Catalog of Federal Domestic Assistance Number (b)	Estimated Unobligated Funds		New or Revised Budget		
		Federal (c)	Non-Federal (d)	Federal (e)	Non-Federal (f)	Total (g)
1. EPA-R-OAR-CPRGI-23-07	66.046	\$	\$	\$ 41,717,414.00	\$ 0.00	\$ 41,717,414.00
2.						
3.						
4.						
5. Totals		\$	\$	\$ 41,717,414.00	\$ 0.00	\$ 41,717,414.00

SECTION B - BUDGET CATEGORIES

6. Object Class Categories	GRANT PROGRAM, FUNCTION OR ACTIVITY				Total (5)
	(1)	(2)	(3)	(4)	
	EPA-R-OAR-CPRGI-23-07				
a. Personnel	\$ 65,001.00	\$	\$	\$	\$ 65,001.00
b. Fringe Benefits	41,230.00				41,230.00
c. Travel	306.00				306.00
d. Equipment	0.00				0.00
e. Supplies	0.00				0.00
f. Contractual	2,050,000.00				2,050,000.00
g. Construction	0.00				0.00
h. Other	39,542,664.00				39,542,664.00
i. Total Direct Charges (sum of 6a-6h)	41,699,201.00				\$ 41,699,201.00
j. Indirect Charges	18,213.00				\$ 18,213.00
k. TOTALS (sum of 6i and 6j)	\$ 41,717,414.00	\$	\$	\$	\$ 41,717,414.00
7. Program Income	\$ 0.00	\$	\$	\$	\$ 0.00

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SECTION C - NON-FEDERAL RESOURCES

(a) Grant Program		(b) Applicant	(c) State	(d) Other Sources	(e)TOTALS
8.	EPA-R-OAR-CPRGI-23-07	\$ 0.00	\$ 0.00	\$ 0.00	\$ 0.00
9.					
10.					
11.					
12. TOTAL (sum of lines 8-11)		\$ 0.00	\$ 0.00	\$ 0.00	\$ 0.00

SECTION D - FORECASTED CASH NEEDS

	Total for 1st Year	1st Quarter	2nd Quarter	3rd Quarter	4th Quarter
13. Federal	\$ 41,717,414.00	\$ 9,000,000.00	\$ 10,500,000.00	\$ 11,000,000.00	\$ 11,217,414.00
14. Non-Federal	\$				
15. TOTAL (sum of lines 13 and 14)	\$ 41,717,414.00	\$ 9,000,000.00	\$ 10,500,000.00	\$ 11,000,000.00	\$ 11,217,414.00

SECTION E - BUDGET ESTIMATES OF FEDERAL FUNDS NEEDED FOR BALANCE OF THE PROJECT

(a) Grant Program		FUTURE FUNDING PERIODS (YEARS)			
		(b)First	(c) Second	(d) Third	(e) Fourth
16.	EPA-R-OAR-CPRGI-23-07	\$ 42,740,636.00	\$ 28,645,962.00	\$ 20,774,018.00	\$ 21,831,039.00
17.					
18.					
19.					
20. TOTAL (sum of lines 16 - 19)		\$ 42,740,636.00	\$ 28,645,962.00	\$ 20,774,018.00	\$ 21,831,039.00

SECTION F - OTHER BUDGET INFORMATION

21. Direct Charges:		22. Indirect Charges:	
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23. Remarks: The total budget request over the entire grant period is \$155,719,069. A detailed of the breakdown, by year and project, can be found in the budget narrative attached to this proposal.

Climate Pollution Reduction Grants Program Priority Climate Action Plan

for New York State

Prepared by:

New York State Department of Environmental Conservation
New York State Energy Research and Development Authority
New York State Department of State

March 1, 2024



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Introduction

The New York State Department of Environmental Conservation (NYS DEC), the New York State Energy Research and Development Authority (NYSERDA), and the New York State Department of State (NYS DOS) have partnered to develop this Priority Climate Action Plan pursuant to the United States Environmental Protection Agency (EPA) Climate Pollution Reduction Grants Program. The measures contained herein should be construed as broadly available to any entity in the State eligible for receiving implementation funding under the Climate Pollution Reduction Grants Program and other funding streams, as applicable.

This project has been funded wholly or in part by the EPA under assistance agreement 96225423 to NYS DEC. The contents of this document do not necessarily reflect the views and policies of the EPA, nor does the EPA endorse trade names or recommend the use of commercial products mentioned in this document.

Acknowledgements

The NYS DEC, NYSERDA, and NYS DOS multi-agency drafting team would like to thank several groups for their efforts in developing this document.

First and foremost, we appreciate the contributions and feedback from the local government and community representatives that participated in the stakeholder engagement webinars hosted by New York State.

In addition, we are grateful for the collaborative partnerships we developed with the individuals and organizations in the metropolitan statistical areas in New York State that are also participating in this EPA program.

We also thank Energy + Environmental Economics (E3) for their work to support the analyses contained within this report.

Lastly, we would like to thank the overwhelming number of New York State staff that contributed to this effort. Their work ensured that New York State is prepared to pursue important opportunities from the EPA.

Acronyms and Abbreviations

CCAP	Comprehensive Climate Action Plan
CEJST	Climate and Economic Justice Screening Tool
Climate Act	Climate Leadership and Community Protection Act
CH ₄	methane
CO ₂	carbon dioxide
CO ₂ e	carbon dioxide equivalent
CPRG	Climate Pollution Reduction Grants
ECL	Environmental Conservation Law
EPA	United States Environmental Protection Agency
EPC	energy performance contractor
ESD	Empire State Development
FSC	Founding Steering Committee
GHG	greenhouse gas
GWP	global warming potential
HFC	hydrofluorocarbon
IRA	Inflation Reduction Act
LIDAC	low-income and disadvantaged community
MMT	million metric ton
MSA	metropolitan statistical area
N ₂ O	nitrous oxide
NF ₃	nitrogen trifluoride
NH ₃	ammonia
NO _x	nitrogen oxides
NYS DEC	New York State Department of Environmental Conservation
NYSERDA	New York State Energy Research and Development Authority
NYS DOS	New York State Department of State
NYS HCR	New York State Homes and Community Renewal
NYS OGS	New York State Office of General Services
OJT	on-the-job training
PCAP	Priority Climate Action Plan
PFC	perfluorocarbon
PM _{2.5}	fine particulate matter
SF ₆	sulfur hexafluoride
SO ₂	sulfur dioxide
SO _x	sulfur oxides
The Council	New York State Climate Action Council
UNFCCC	United Nations Framework Convention on Climate Change
WRRF	water resource recovery facility
VMT	vehicle miles traveled
VOC	volatile organic compound

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1 The Climate Pollution Reduction Grant Process

In March 2023, the U.S. Environmental Protection Agency (EPA) announced the Climate Pollution Reduction Grants (CPRG) program, a \$5 billion grant program for states, local governments, tribes, and territories to develop and implement climate action plans for reducing greenhouse gas (GHG) emissions and harmful air pollutants (co-pollutants) from all sectors of the economy. This two-phase program was authorized under the Inflation Reduction Act (IRA) of 2022 and includes a non-competitive planning grant phase and a competitive implementation grant phase. In order to be eligible to compete in the \$4.6 billion implementation grant phase, applicants must fall within a jurisdiction that has been awarded a planning grant and completed the applicable deliverables.

The New York State Department of Environmental Conservation (NYS DEC), in close coordination with the New York State Energy Research and Development Authority (NYSERDA) and the New York State Department of State (NYS DOS), applied for and received a \$3 million planning grant under the first phase of the CPRG program in September 2023. NYS DEC, NYSEERDA, and NYS DOS immediately began work to complete the first deliverable required under the planning grant, this Priority Climate Action Plan (PCAP). The following sections will describe the State's process for developing the PCAP and the overall context of climate action in New York State.

1.1 CPRG Overview

The CPRG planning grant requires that grantees develop three deliverables: a PCAP; a Comprehensive Climate Action Plan (CCAP) due in 2025; and a Status Report due in 2027 at the end of the award period.

The submission of this document serves to fulfill the PCAP deliverable requirement and will serve as the basis of New York State's application(s) to the implementation grant phase of the program. It is also available to any entity in the State eligible for receiving implementation funding under the CPRG or other federal grant program, as applicable.

1.2 PCAP Overview and Scope

The core of the New York State PCAP is a list of high-priority, implementation-ready GHG emission reduction measures that will have a transformative impact in the near-term. These measures are intended to cover the entire geographic boundary of the State but may be implemented statewide or regionally. This PCAP contains several elements that provide context and background for the selection of those measures, the measures themselves, and several analyses of those measures. The elements of this PCAP are listed below.

- GHG Emissions Inventory
- GHG Reduction Targets
- Priority GHG Reduction Measures
 - Estimated Emissions Reductions
 - Review of Authority to Implement Measures
 - Other Funding Sources¹

¹ Other funding sources include State and federal sources. State programming is subject to availability of funds and is based on factors such as annual budget appropriations or regulatory proceedings of the Public Service Commission.

- Direct Jobs Created
 - Co-Benefits
- Low-Income and Disadvantaged Communities (LIDAC) Benefits Analysis
- Workforce Planning Analysis

2 The New York Context

New York has and continues to set international precedent for action to address climate change. For many years, New York has recognized the complexity of an economywide transition and the imperative need to act to mitigate the worst impacts of climate change. Through legislative, regulatory, and programmatic actions, New York has developed a path forward to realize the transformation to a green economy. New York also recognizes the well-established fact that to address climate change in a meaningful way, partners need to work together toward a common goal. Several strategies critical to New York’s plan involve leveraging opportunities that arise from the federal government, including grant programs such as CPRG.

2.1 New York’s Climate Leadership

In January 2020, the nation-leading Climate Leadership and Community Protection Act (Climate Act) took effect in New York. The Climate Act built upon existing policies, codifying actions to meet ambitious clean energy targets and reduce GHG emissions, as seen in the call-out box below. The Climate Act also requires that New York-designated disadvantaged communities² receive at least 35% of the overall benefits of spending on clean energy and energy efficiency programs, with a goal of 40%.

Implementation of the Climate Act necessitates an all-hands-on-deck approach across State government, with input from a broad array of stakeholders, advisors, and experts. It also requires significant regulatory action by NYS DEC, the New York State Public Service Commission, and many other State agencies and authorities.

Climate Act Directives

- 40% reduction in GHG emissions by 2030
- 85% reduction in GHG emissions by 2050
- 70% renewable energy by 2030
- 100% zero-emission electricity by 2040
- 6,000 MW of solar by 2025
- 3,000 MW of energy storage by 2030
- 9,000 MW of offshore wind by 2035
- 185 trillion Btu of end-use energy savings

The Climate Act required New York State to establish a 22-member Climate Action Council (Council), consisting of the heads of 12 State agencies, as well as members appointed by the Governor and the New York State Legislature. The Council was charged with the development of a Scoping Plan, finalized in December 2022, that recommended actions the State should take to achieve its emission reduction directives. The Council established several Advisory Panels to inform the Council on particular sectors, including waste, transportation, energy-intensive and trade-exposed industries, land use and local government, energy efficiency and housing, agriculture, and forestry. The Scoping Plan was built upon contributions from the Advisory Panels, as well as a Just Transition Working Group and a Climate Justice Working Group. More than 90 public meetings were held by the Advisory Panels to develop recommendations to meet the State’s ambitious climate requirements and goals. These recommendations informed the analysis of mitigation strategy scenarios, which provided data on the emissions reductions and societal costs and benefits expected from different strategy options. The process included the issuance

² As required by the Climate Act, the Climate Justice Working Group developed criteria to identify disadvantaged communities in New York State. Final criteria were adopted in March 2023. EPA requires that implementation grant applicants use EPA’s definition of disadvantaged communities as described in the Notice of Funding Opportunity when discussing the benefits to such communities. More information can be found in the *Low-Income and Disadvantaged Communities Benefits Analysis* section.

of a draft Scoping Plan on December 30, 2021, much of which was informed by the recommendations developed by the Advisory Panels. The release of the draft plan initiated a six-month public comment period. To ensure New Yorkers had the opportunity to provide input on the draft plan, NYS DEC and NYSERDA launched an ambitious public engagement process. After hearing testimony at 11 public hearings across the State and receiving more than 35,000 written comments, the Council considered this feedback, collected further analytical information, and consulted with the Climate Justice Working Group in the development of the final Scoping Plan.

2.2 Leveraging the Scoping Plan

The Scoping Plan provides nearly 600 recommendations for both sector-specific and economywide actions to achieve the Climate Act's goals and requirements, including GHG emission reduction requirements. New York's climate action strategy is fundamentally driven by the need to deliver on climate mitigation, social justice, economic opportunity, and long-term job opportunities for New Yorkers. This includes prioritizing reductions of both GHGs and co-pollutant emissions in disadvantaged communities. The Scoping Plan also includes a comprehensive, science-based Integration Analysis of the benefits and costs of the recommendations that the Advisory Panels provided during the process. The Integration Analysis examined several pathways, or scenarios, New York State could take to achieve the GHG emission limits required pursuant to the Climate Act, governed by foundational principles of ensuring reliability of the energy system as fundamental to New Yorkers' welfare, safety, and prosperity and the overall cost-effectiveness of the approaches.

The CPRG program requires grantees to develop both priority and comprehensive climate action plans that will result in significant GHG emission reductions, provide new workforce opportunities, and effectively address environmental injustices in disadvantaged communities. New York's existing Scoping Plan served as the foundation for specific measures that have been analyzed and included in this PCAP.

As the Scoping Plan and the climate action plans that will be developed through the CPRG program are aligned in many ways, New York is in a position to leverage much of the work it has already undertaken over the past several years. As discussed in the *Coordination and Engagement* section below, the Scoping Plan process brought together key New York State agencies and stakeholders to work collaboratively on achieving the Climate Act requirements. NYS DEC utilized this existing interagency coordination and leveraged existing bodies, including an Executive Steering Committee, to discuss measure-selection collaboratively across multiple State agencies. Using the guidance for both the CPRG planning grants and the subsequently released Notice of Funding Opportunity for CPRG implementation grants, agencies made strategic decisions on what to include in this PCAP to ensure the measures best align with the CPRG program and overall State objectives. Additional detail on the selection process is included in the *Priority GHG Reduction Measures* section below.

2.3 Coordination and Engagement

As mentioned in the *Introduction*, NYS DEC, NYSERDA, and NYS DOS partnered to develop this PCAP. This interagency group met on a weekly basis at a minimum and collaborated on all materials and deliverables required to complete this report.

The CPRG planning grant and this PCAP require several additional levels of coordination and engagement. NYS DEC, NYSERDA, and NYS DOS all conducted coordination and

engagement with various stakeholders, including intergovernmental coordination among State entities, metropolitan statistical areas (MSAs), local governments, and Indigenous Nations, as well as engagement with representatives of LIDACs in New York.

State Entities

Climate change, and the policy development required to address it, present a unique need and opportunity for interagency collaboration at the State level. The Council that was established as part of the Climate Act was co-chaired by NYS DEC and NYSEERDA, and included agency heads from NYS DOS, New York State Departments of Agriculture and Markets, Transportation, Labor, and Health, as well as agency heads from the New York State Public Service Commission, New York Power Authority, Empire State Development (ESD), New York State Homes and Community Renewal (NYS HCR), and Long Island Power Authority. NYS DEC leveraged the ongoing collaborative efforts at the State level to conduct one-on-one outreach with each of these agencies. The timeline and pace of the CPRG program made it necessary to begin engagement before there was a clear understanding of the full scope of the program. New York was able to meet this challenge by using the Scoping Plan as a starting point to develop a series of potential measures. As the scope of the program became clearer, particularly with the release of the implementation grant opportunity, measures were refined and filtered to best align with the program. Additional detail on how the measures for this program were selected is discussed in *Priority GHG Reduction Measures* below.

Metropolitan-Statistical Areas

Coordination and collaboration with the CPRG planning grant recipients representing the MSAs was essential to ensure that all entities develop complementary PCAPs that would ultimately achieve the goal of reducing climate pollution in communities across New York State. The MSA planning grant recipients in New York State are the Rochester, Buffalo-Cheektowaga, Albany-Schenectady-Troy, and New York-Newark-Jersey City MSAs, led by the Genesee/Finger Lakes Regional Planning Council, Greater Buffalo Niagara Regional Transportation Council, Capital District Regional Planning Commission, and New York City Economic Development Corporation, respectively. Though not awarded a CPRG planning grant, representatives from the Syracuse MSA were also engaged to ensure that the planning efforts were coordinated and that the State's PCAP included measures that would align with the priorities of the major metropolitan areas in New York State.

The multi-agency State team met monthly with the lead agencies for the MSAs beginning in April 2023 and then with greater frequency starting in December 2023 as the priority measures became further developed. These meetings ensured that all parties shared information, provided mutual support where possible, and collaborated on outreach to local governments and the public.

Local Governments

The PCAP is built on the substantial community engagement conducted during the development of the Scoping Plan to implement the Climate Act, as described in *New York's Climate Leadership* above. The recommendations in the Scoping Plan, informed by vast community and stakeholder engagement, strongly positioned New York to begin developing the PCAP.

In November 2023, the State facilitated a series of webinars for local government stakeholders, primarily municipal leaders and staff, as municipalities are potential applicants under CPRG. The State utilized existing municipal climate action networks, such as the Climate Smart Communities and Clean Energy Communities, to solicit input of the development of the State PCAP. Each webinar was region-specific and coordinated with the CPRG planning grant recipients leading the development of the MSA PCAPs, if applicable. The webinars included an overview of New York's previous climate planning work, including the Scoping Plan, an introduction to the CPRG program and the PCAP, a live poll, and a post-webinar survey that asked attendees to gauge the importance of potential PCAP measures on reducing GHG emissions in the attendees' respective communities. Attendees were asked about 22 different measures across multiple sectors, including Transportation, Electric Power, Buildings, Waste and Materials Management, Agriculture, and Natural and Working Lands, all of which were linked to a Scoping Plan recommendation. Across the six webinars, there were 128 attendees and more than 80 survey participants.

The State used feedback from these webinars to help prioritize the 22 measures and determine which best aligned with the PCAP guidance for near-term, high-priority, and implementation-ready measures. This process resulted in the identification of nine measures from the Transportation, Waste and Materials Management, Natural and Working Lands, and Buildings sectors. These measures and the preliminary analysis regarding GHG emissions reduction, benefits to LIDACs, environmental benefits, and cost-effectiveness were presented to local government stakeholders at a series of webinars in January 2024. Like the November 2023 webinars, these webinars were region-specific and coordinated with the CPRG planning grant recipients leading the development of the MSA PCAPs. Municipal officials and staff then provided feedback on the State's proposed PCAP measures, municipal interest in the measures, and the impact of those measures on LIDACs in a survey sent to all webinar registrants.

Indigenous Nations

There are eight federally recognized tribes in New York State, and nine New York State recognized Nations. NYS DEC recognizes that New York State has a unique relationship with each of these Nations, and how and when NYS DEC interacts with these Nations on subjects related to natural resources, cultural resources, and subsistence resources is described in agencywide Commissioner Policy 42: Contact, Cooperation, and Consultation with Indian Nations. This policy, in part, formally recognizes that relations between NYS DEC and Indian Nations will be conducted on a government-to-government basis.

NYS DEC also established its first-ever Office of Indian Nation Affairs to lead efforts on government-to-government consultation. Office of Indian Nation Affairs staff was engaged in the CPRG process to ensure that the appropriate consultation was being conducted in relation to this PCAP. NYS DEC staff leveraged an existing Indian Nation leadership meeting in November 2023 to present and open discussion on the CPRG program for any Nation that may be interested in utilizing the State PCAP for implementation funds.

Disadvantaged Communities

The multi-year Scoping Plan development process sought input from disadvantaged communities and related stakeholders in a variety of ways, including through the Climate Justice Working Group. This input was incorporated into the recommendations in the Scoping Plan,

which form the basis of the measures discussed in this PCAP. In addition to this previous stakeholder input, New York State conducted its CPRG engagement with existing, compensated stakeholder groups that represent and/or serve disadvantaged communities. The State engaged with the NYSERDA Energy Equity Collaborative Founding Steering Committee (FSC) on three occasions between October 2023 and January 2024. The Energy Equity Collaborative FSC provides a coordinated forum for community-based organizations that are representative of or principally serve historically marginalized communities and the State to work together to address energy equity and climate justice issues and develop equitable programs. The Collaborative includes participation from other New York State agencies and representatives from LIDAC Community-Based Organizations in urban, suburban, and rural areas; organized labor; environmental groups; and indigenous nations.

The first meeting introduced the Energy Equity Collaborative FSC to the CPRG opportunity (October 2023). The second meeting (November 2023) sought Energy Equity Collaborative FSC input on which measures they might like to see in New York State's PCAP. The third meeting (January 2024) focused on sharing initial results of the PCAP analyses and ensuring the specific scopes of measures would result in meaningful benefits to disadvantaged communities. Following the January meeting, attendees were invited to participate in an online survey to provide additional input beyond what was possible during the meeting, including specifics on how measures may be scoped to ensure that benefits accrue to LIDACs. Energy Equity Collaborative FSC members were eligible for compensation for all time spent reviewing materials, attending meetings, and filling out surveys.

2.4 GHG Inventory

NYS DEC is required to release an annual report on statewide GHG emissions from all sources in the State, including the relative contribution of each type of source to the statewide total, as a measure of progress toward reaching the Climate Act's emission reduction directives. The most recent report was released in December 2023 and covers the years 1990 through 2021 and is being utilized for this element of the PCAP. Details on the data, methods, and historical trends are provided in the report.³

The Climate Act requirements for GHG emissions accounting differ in two important ways from the conventional format developed for parties to the United Nations Framework Convention on Climate Change (UNFCCC). First, GHG emissions must be measured in terms of carbon dioxide equivalent (CO₂e) using a 20-year global warming potential (GWP) rather than a 100-year GWP. This results in a higher numeric value for some gases, such as methane (CH₄), even if the emission rate is the same. Secondly, the Climate Act requires the inventory to include out-of-state GHG emissions associated with imported electricity and the extraction and transmission of imported fuels. This expands the scope of GHG emission sources typically included in governmental GHG reduction goals and inventories. The UNFCCC format typically used by governments accounts only for in-state emission sources, uses a 100-year GWP, and does not include biogenic carbon dioxide (CO₂) emissions. A comparison of these formats is shown in Table 1.

³ New York State Department of Environmental Conservation. 2023. 2023 Statewide GHG Emissions Report. Albany, NY. Accessed at: <https://dec.ny.gov/environmental-protection/climate-change/greenhouse-gas-emissions-report>.

Table 1. Comparison of GHG Emission Accounting Formats

	Climate Act Format	UNFCCC Format
Emissions Scope	In-state sources, imported electricity and fossil fuels, exported waste	In-state sources only
Gross versus Net	Gross and Net totals	Net totals are used, but gross emissions are also reported
Global Warming Potential	20-year GWP	100-year GWP

NYS DEC hosts a complete dataset with detailed emissions totals on the [Open NY Data Portal](#). The inventory provided in this section (Table 2) includes economywide GHG emissions and sinks⁴ for CO₂, CH₄, nitrous oxide (N₂O), hydrofluorocarbons (HFC), perfluorocarbons (PFC), sulfur hexafluoride (SF₆), and nitrogen trifluoride (NF₃), and is presented in the UNFCCC format.

Table 2. 2021 New York State Emissions by Economic Sector (MMT CO₂e 100-year GWP)

Economic Sector	CO₂	CH₄	N₂O	HFCs	PFCs	SF₆	NF₃	Total
Agriculture	0.18	6.65	2.20	-	-	-	-	9.04
Livestock	-	6.65	0.37	-	-	-	-	7.02
Soil Management	0.18	-	1.83	-	-	-	-	2.02
Buildings	54.34	0.48	0.09	8.23	-	-	-	63.13
Fuel Combustion	54.34	0.48	0.09	-	-	-	-	54.91
Product Use	-	-	-	8.23	-	-	-	8.23
Electricity	25.00	0.02	0.05	-	-	0.20	-	25.27
Electricity Transmission	-	-	-	-	-	0.20	-	0.20
Fuel Combustion	25.00	0.02	0.05	-	-	-	-	25.07
Industry	11.61	4.95	0.28	0.00	0.13	0.00	0.02	16.99
Electronics Industry	-	-	0.02	0.00	0.11	0.00	0.02	0.15
Fuel Combustion	8.50	0.02	0.03	-	-	-	-	8.55
Fugitive Emissions	0.10	4.93	0.00	-	-	-	-	5.03
Metals	0.32	0.00	-	-	0.03	-	-	0.35
Minerals	1.82	-	-	-	-	-	-	1.82
Other Fossil Fuel Use	0.87	-	-	-	-	-	-	0.87
Product Use	-	-	0.22	-	-	-	-	0.22
Net Emissions	(33.17)	0.70	-	-	-	-	-	(32.47)
Aggregated Sources	(1.45)	-	-	-	-	-	-	(1.45)
Land	(31.72)	0.70	-	-	-	-	-	(31.03)
Transportation	61.71	0.15	0.42	1.22	-	-	-	63.50
Fuel Combustion	61.71	0.15	0.42	-	-	-	-	62.28
Product Use	-	-	-	1.22	-	-	-	1.22
Waste	1.53	7.37	0.55	-	-	-	-	9.45
Solid Waste Management	-	6.49	-	-	-	-	-	6.49
Waste Combustion	1.53	0.02	0.03	-	-	-	-	1.59
Wastewater	-	0.85	0.52	-	-	-	-	1.37
Total	121.21	20.32	3.59	9.45	0.13	0.20	0.02	154.91

⁴ Carbon “sinks” are resources that absorb or sequester carbon dioxide from the atmosphere and are reflected in the Net Emissions category in Table 2. Net Emissions also include a small amount of CH₄ and N₂O from forest fire.

2.5 GHG Reduction Targets

The Climate Act established statewide GHG emission limits, requiring a 40% reduction in statewide GHG emissions from 1990 levels by 2030 and an 85% reduction in statewide GHG emissions from 1990 levels by 2050. The Climate Act also establishes a goal of net zero emissions across all sectors of the economy by 2050. As required by the Climate Act, NYS DEC promulgated 6 NYCRR Part 496 to translate these percentage reduction requirements into two statewide limits for 2030 and 2050, expressed in CO₂e. Using a 20-year GWP and including out-of-state GHG emissions associated with imported electricity and the extraction and transmission of imported fuels as required by the Climate Act, the statewide GHG emission limit is 245.87 million metric tons (MMT) of CO₂e for 2030 and 61.47 MMT CO₂e for 2050.

3 Priority GHG Reduction Measures

New York State is positioned to act quickly on GHG emission reduction measures. With a strong legislative and regulatory framework from the Climate Act and other climate-related programs and policy, the CPRG and other relevant programs provide an opportunity to leverage the unprecedented levels of federal funding available to support climate action and the realization of a just transition in New York.

The Scoping Plan is one of the most ambitious climate change mitigation plans in the world and distinguishes New York as a climate leader. It outlines a variety of regulatory and legal changes, market mechanisms, and technologies essential to achieving the goals and requirements of the Climate Act. It pairs all of these recommendations with various outreach and education initiatives and lays a foundation for action.

This is built upon decades of climate leadership. The implementation of these recommendations and strategies have been guided by past successes and informed by lessons learned in New York as well as in other jurisdictions. New York has identified key priorities to achieve the requirements laid out in the Climate Act and has been taking steps to implement those priorities.

The priority GHG emission reduction measures identified in this PCAP do not reflect the entire scope of climate priorities that New York State has identified and is implementing. The measures selected here have been strategically chosen based on the requirements of the CPRG program and the feedback from stakeholder engagement processes related to the CPRG program. The measures were selected for the purpose of applying for federal implementation grant funding.

The analyses included in this PCAP are based upon EPA requirements and guidelines, which in some cases differ from New York State requirements established pursuant to the Climate Act. This includes New York State requirements regarding the accounting methodology used for GHG emissions. Readers are advised that because of this, certain results and recommended strategies for the CPRG program will differ from the strategies recommended in the existing Climate Action Council Scoping Plan.

The selection process for the priority GHG reduction measures contained in this plan was based on a number of factors, including alignment with the goals of the CPRG program:

- Recommendations in the 2022 final Scoping Plan
- Measures that would achieve the highest impact in the near-term (before 2030)
- Implementation readiness
- Local government and disadvantaged community stakeholder input
- Greatest GHG emissions contributions by sector
 - Buildings, transportation, and waste sectors make up 68% of statewide emissions under New York State accounting and 73% under UNFCCC accounting⁵
- Most significant funding gaps

⁵ New York State Department of Environmental Conservation. 2023. 2023 Statewide GHG Emissions Report. Albany, NY. Accessed at: <https://dec.ny.gov/environmental-protection/climate-change/greenhouse-gas-emissions-report>.

Each of the measures detailed in this section would achieve significant GHG and co-pollutant emissions reductions in the near-term and provide benefits to LIDACs. Each measure is applicable statewide but may be implemented on a statewide or regional basis.

The following sections describe the nine priority GHG emission reduction measures selected for this PCAP. Pursuant to the CPRG planning grant requirements, the State scoped specific example programs that align with these measures and conducted quantitative and qualitative analyses for each. The scopes, analyses, and outcomes discussed below are illustrative of types of programs or projects that align with the PCAP measures. However, these measures should be interpreted broadly by eligible applicants under the CPRG program or other relevant federal grant programs to allow for other programs or projects that may have different scopes and outcomes. Similarly, the quantified impacts of each measure were derived based on a variety of assumptions, including assumptions about the scale and scope of an example program. Certain assumptions, such as those used in GHG emissions accounting and the disadvantaged community geographies, were developed according to requirements of the CPRG program and do not align with New York State’s Climate Act methodology and definition. In addition, the assumptions used in this document may not align with assumptions used in the CPRG Implementation Grants submitted by New York State or other eligible entities that reference this PCAP. For more information on key assumptions behind the calculations provided in *Section 3. Priority GHG Reduction Measures*, see *Appendix A. PCAP Analysis Assumptions*.

3.1 Electrify Public Sector Medium- and Heavy-Duty Vehicles and Off-Road Equipment

This measure would support the electrification of public sector fleets, with a particular focus on medium- and heavy-duty vehicles and offroad equipment, such as landscaping and construction equipment. This measure would prioritize vehicles that are housed and primarily used in disadvantaged communities census tracts to reduce air and noise pollution. In addition, the State will evaluate opportunities to pair investment in public fleets in areas that are developing smart growth land use processes to ensure that as vehicle miles traveled (VMT) are reduced, the remaining vehicles on the road are clean, electric, and serve public purposes. Table 3 provides the sector, implementing agency, GHG and co-pollutant emission impacts, jobs impacts, and related funding for this measure.

Table 3. Municipal Fleet Measure Specifics

Sector	Transportation	
Implementing Agency	NYSERDA, New York State Office of General Services	
GHG Emission Reductions (MMT CO ₂ e 100-year GWP)	2025-2030: 0.10	2025-2050: 2.29
Co-Pollutant Emission Reductions (Metric tons)	Overall: <ul style="list-style-type: none"> • 68.5 NH₃ • 2319.6 NO_x • 73.1 PM_{2.5} • 29.8 SO₂ • 100.1 VOC 	LIDAC: <ul style="list-style-type: none"> • 28.1 NH₃ • 950.6 NO_x • 30 PM_{2.5} • 12.2 SO₂ • 41 VOC
Direct Jobs Created	Overall: 105	LIDAC: 43

<p>Other Funding Sources</p>	<p>Direct Federal Funding</p> <ul style="list-style-type: none"> • Qualified Clean Commercial Vehicle Tax Credits (45W) • EV Charging/Alternative Fuel Tax Credit (30C) <p>Direct State Funding</p> <ul style="list-style-type: none"> • Charge Ready NY 2.0 <p>In addition to the federal funding sources identified above, New York will explore funding as a part of the IRA Clean Heavy Duty Vehicle Program. Additional information on that program is expected in Spring 2024.</p> <p>Although the State’s existing medium- and heavy-duty funding programs will expire before the start of the implementation grant, the funding provided by New York’s Truck Voucher Incentive Program and Medium- and Heavy-Duty EV Make-Ready Pilot will further the State’s vehicle electrification goals in the near-term.</p>
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Municipalities own a broad variety of vehicles, many of which are not well represented in other fleet owners’ portfolios, such as street sweepers. Therefore, a concerted push to electrify these municipal vehicles may further build the market for more niche equipment.

Based on previous municipal fleet inventories, municipalities own vehicles as varied as shuttle buses, garbage trucks, vacuum trucks, bucket trucks, snow mobiles, and plows. Equipment is equally varied, from leaf blowers and trail vehicles to ice rink resurfacers and excavators.

In year 1, this measure would initiate an incentive program for local governments to replace their fossil fuel-powered vehicles and equipment with electric models. To ensure sufficient distribution of benefits, this measure may impose a cap on the total incentive amount that a given municipality of a given size may receive. The measure would also prioritize funding for areas designated as disadvantaged.

Communities that receive funding through this measure for electrified fleets would also commit to participating in a statewide working group taking place throughout 2025 to establish medium- and heavy-duty and offroad bid specifications in partnership with the New York State Office of General Services (NYS OGS). Municipalities would be encouraged to adopt these bid specifications into their own future procurements of vehicle purchases or leases. This measure would also explore the feasibility of an additional set of bid specifications that spurs the adoption of electrified construction equipment owned by private firms that bid on public works projects.

Providing initial funding for electric vehicles can help municipalities identify whether there are operational changes that they need to make to accommodate an electrified fleet before adopting a strong procurement policy. By aligning both State and local public sector procurements, this measure sends a strong and consistent signal to the market to provide more options and competitive pricing for electrified public sector vehicles while reducing air pollution and operational costs for public services.

Authority to implement: NYSERDA’s enabling statute is Title 9 of the New York State Public Authorities Law § 1850 *et seq.* NYSERDA is an administrator of programs both to serve local governments (i.e., Clean Energy Communities) and to provide incentives for fleet electrification. In addition, NYS OGS has previously worked on bid specifications such as environmentally preferable purchasing and has engaged local governments to align in such efforts. Adding a

fleet specification can grow the impact of the existing NYS OGS bid specification program. This new program will merge these three initiatives to scale impact and drive near-term and long-term impacts.

Schedule and Milestones:

- Early Year 1: Confer with local governments in New York State to inform incentive program design
- Late Year 1: Launch fleet incentive program for local government, municipalities begin purchasing vehicles
- Early Year 2: New York State and municipalities co-develop bid specifications for future vehicle/equipment procurements
- Year 3: Bid specs adopted at State and local levels
- Year 5: All incentivized vehicles must be purchased and operational
- All five-years: NYSERDA provides technical assistance to help municipalities address challenges related to electrification, such as changes of standard operating procedures, routes, staff training needs, etc.

Co-Benefits:

- Improved outdoor air quality and resulting health benefits, particularly in LIDACs and other neighborhoods that have been overburdened with polluting heavy-duty diesel vehicles
- Reduced noise pollution, similarly likely to benefit LIDACs given the overburdening of LIDACs with heavy duty industry and fleets
- Reduced fuel and maintenance costs for municipalities, particularly those resource-constrained local governments that serve LIDACs

3.2 Support Zero-Emission Public Transit Fleets and Infrastructure

Electrifying transit fleets offers a prime opportunity for reducing emissions, protecting public health, and creating focused economic development opportunities. The Metropolitan Transportation Authority has already committed to purchase only zero-emission buses after 2029 and to fully decarbonize its fleet by 2040. Other transit authorities in the State that currently operate over 1,400 transit buses may also follow suit. Two large fleets outside New York City have made substantial investments in compressed natural gas buses, which are materially cleaner than traditional buses. These fleets will take advantage of the full useful life of these buses prior to transitioning to fully zero-emission buses.

Public transit bus fleets can be ideal candidates for transitioning the transportation sector from fossil fuels. These bus fleets have dedicated routes and schedules and often run on noisy, polluting diesel fuel, impacting the health and quality of life of many low- and moderate-income individuals and others who may rely on public transit.

The transition to electric and green hydrogen-powered vehicles will require investment in new infrastructure but also changes in operations to accommodate new ways of charging or fueling, different ranges and performance abilities, and other resources. Addressing these challenges is critical to rapidly scaling up clean public transit fleets. Table 4 provides the sector, implementing agency, GHG and co-pollutant emission impacts, jobs impacts, and related funding for this measure.

Table 4. Public Transit Measure Specifics

Sector	Transportation	
Implementing Agency	Various, implemented regionally	
GHG Emission Reductions (MMT CO ₂ e 100-year GWP)	2025-2030: 0.11	2025-2050: 0.54
Co-Pollutant Emission Reductions (Metric tons)	Overall: <ul style="list-style-type: none"> • 1.6 NH₃ • 60 NO_x • 1.8 PM_{2.5} • 0.8 SO₂ • 2.3 VOC 	LIDAC: <ul style="list-style-type: none"> • 0.6 NH₃ • 24.6 NO_x • 0.8 PM_{2.5} • 0.3 SO₂ • 0.9 VOC
Direct Jobs Created	Overall: 547	LIDAC: 224
Other Funding Sources	No direct funding sources were identified for this measure. New York State has been awarded \$28 million through the IRA Low-and-No-Emissions Grant program. This funding will be leveraged to accelerate zero-emission bus adoption ahead of CPRG funding. In addition, New York’s Utility Make-Ready, Truck Voucher Incentive, and Accelerated Transit Capital Programs will support near-term incremental zero-emission bus adoption.	

This measure would focus on funding electric bus charging infrastructure, green hydrogen bus fueling infrastructure, zero-emission vehicle purchases, and technical assistance to modifying operations to facilitate the transition to clean fleets. Efforts may include retrofitting and/or redesigning bus depots to accommodate new charging or fueling infrastructure, upgrading electric distribution lines to accommodate charging, and other activities. This measure could also support investments in the workforce, helping to train current and new transit workers to repair and operate zero-emission fleets, which will also help with developing long-term work opportunities that do not leave the current workforce behind in the transition.

Authority to Implement: Regional transportation authorities and other appropriate lead entities have the authority and ability to implement this with technical and other support provided by the State.

Schedule and Milestones:

- Year 1: Design fueling/charging infrastructure
- Year 2: Install fueling/charging infrastructure
- All 5 Years: Replace fossil fuel-powered vehicles with zero-emission vehicles at the end of useful life

Co-Benefits:

- Reduced noise pollution from diesel vehicles
- Improved air quality, particularly in neighborhoods that have been overburdened with polluting heavy-duty diesel vehicles
- Reduced operational costs for transit authorities for electrification

3.3 Support the Implementation of Smart Growth Measures

Land use and development patterns directly affect the State’s ability to reduce GHG emissions and sequester and store CO₂. Changing current land use planning and zoning practices that

enable low-density, single use, suburban sprawl is an essential component to reducing GHG emissions. The pursuit of Smart Growth land use patterns through planning, zoning, and predevelopment activities such as environmental review paired with investments in alternative transportation modes (e.g., shared mobility, micromobility) will enable compact, mixed-use, and spatially interconnected land use configurations that are proximate and accessible to one another, effecting the reduction of transportation based GHG emissions as automobile travel and VMT will decline. Development patterns implemented following Smart Growth land use principles would also create opportunities for multiple modes of transportation; housing diversity and affordability; sustainable and energy-efficient mixed-use development; and safe and accessible public spaces. Further, the implementation of Smart Growth land use patterns could help address the negative impacts of suburban sprawl, direct development into areas more suitable for development, and maintain natural lands that help improve air quality, reduce urban heat islands, and which contribute to carbon sequestration and storage.

Furthermore, Smart Growth zoning practices, including increased density allotments, enables additional development in and near existing dense areas, such as downtowns, crossroads, and transit hubs. These practices allow additional development opportunities that were not possible before implementation of Smart Growth planning and zoning principles. Table 5 provides the sector, implementing agency, GHG and co-pollutant emission impacts, jobs impacts, and related funding for this measure.

Table 5. Smart Growth Measure Specifics

Sector	Transportation	
Implementing Agency	NYS DOS	
GHG Emission Reductions (MMT CO ₂ e 100-year GWP)	2025-2030: 0.05	2025-2050: 2.07
Co-Pollutant Emission Reductions (Metric tons)	Overall: <ul style="list-style-type: none"> • 80.8 NH₃ • 61.5 NO_x • 20.2 PM_{2.5} • 12.9 SO₂ • 21.2 VOC 	LIDAC: <ul style="list-style-type: none"> • 72.7 NH₃ • 55.4 NO_x • 18.2 PM_{2.5} • 11.6 SO₂ • 19.1 VOC
Direct Jobs Created	Overall: 31	LIDAC: 13
Other Funding Sources	No direct funding sources were identified for this measure. CPRG funds are expected to drive incremental smart growth initiatives across the State. However, New York will explore how the State's existing Smart Growth Comprehensive Planning Program can be leveraged to support this measure.	

As a home rule state, the State has little ability to directly affect local land use and regulatory processes. To incentivize communities to pursue Smart Growth land use and regulatory processes, this measure would provide funding to enable communities to undergo an often expensive and complex planning, zoning, and environmental review or predevelopment process that would further enable Smart Growth development in appropriate areas.

The measure would also fund mode-shift implementation projects that will complement the changes in land use configurations and enable the desired result of reduced automobile use, VMT, and GHG emissions reductions. Mode-shift implementation projects may include projects

that promote shared mobility such as carshare, micro-mobility such as e-bikes or scooters, and active transit modes like walking or cycling.

Authority to Implement: NYS DOS is the statutorily designated State planning entity.⁶ As such, NYS DOS administers programs that provide limited planning and zoning grant funds as well as grant funds for the improvement of the public realm to local governments and not-for-profit entities. NYS DOS has strong and long-term partnerships with other State agencies, including ESD, NYS HCR, and NYSERDA, which facilitate providing funds and technical assistance to private entities for building projects or offering funding alternative clean transportation modes. Implementation funds for this proposed program, coupled with successful, existing frameworks for NYS DOS programs, will grow our Smart Growth planning, zoning, and environmental review capacity for achieving near-term GHG emission reductions, long-term reduction targets, and other community benefits. The proposed program will enable communities to fund more expansive environmental review in the form of a complete GEIS and facilitate the expeditious completion of those projects while supporting lower-capacity, historically marginalized, and disadvantaged communities in attaining their Smart Growth goals through continued provision of Smart Growth planning and zoning funds.

Schedule and Milestones:

- Early Year 1: Develop separate program guidance for (1) planning, zoning, and environmental review funding and (2) mode shift grant implementation funding
- Late Year 1: Launch competitive grant competition for (1) planning, zoning, and environmental review assistance and (2) mode shift grant implementation funding
- Early Year 2: Award competitive grants for (1) planning, zoning, and environmental review assistance and (2) mode shift grant implementation funding
- Late Year 2: If additional funds for either component remains, another competitive grant competition would be launched
- Year 4: All awarded planning, zoning, and environmental review projects are complete and adopted by the local governments; mode shift implementation projects are in progress
- Year 5: All mode shift implementation projects are complete

Co-Benefits:

- Enhanced equity in planning and development as the Smart Growth program will help disadvantaged communities overcome some of the exclusionary and inequitable land use barriers confronted by these communities in the past
- Reduced transportation costs as Smart Growth land use patterns and mode shift implementation grants promote access to transit and other forms of mobility, which may reduce household transportation costs and inequities, as well as the inordinate time lower-income households spend commuting and accomplishing essential daily tasks, such as shopping and health care visits
- Improved health and safety as walkable, bikeable infrastructure and safe, accessible public spaces will pave the way for greater physical activity and social interaction, which will yield both physical and mental health benefits

⁶ See generally, New York Executive Law § 152; see also Chapter 464 of the Laws of 1975 §§ 48-57.

- Reduced displacement, gentrification, and concentration of low-income housing and poverty in segregated and usually undesirable areas as smart growth emphasizes in-town mixed-income and affordable housing, which allows people and households of all incomes to reside together
- Improved air and water quality resulting from the reduction in VMT

3.4 Implement Large-Scale Afforestation and Reforestation

Afforestation and reforestation have the potential to greatly increase the carbon sequestration and storage capacity in New York State and are critical to reaching the State's 2050 net zero goal. Beginning during European settlement and continuing throughout the Industrial Revolution, New York underwent severe deforestation. By the 1880s, less than 20% of New York was forested. Due to agricultural abandonment as well as widespread planting efforts and a continued focus on reforestation efforts, the State is now 63% forested, but opportunities remain for additional afforestation and reforestation efforts to improve carbon sequestration, carbon storage, and all the other benefits that forests provide, especially on New York's 1.6 million acres of marginal agricultural lands and areas otherwise lacking sufficient natural regeneration. The Scoping Plan recommends tree planting, assisted regeneration, and tree maintenance programs to establish and maintain at least 1.7 million acres (or approximately 680 million trees). New York State Governor Kathy Hochul has jumpstarted this effort by establishing a state led goal of planting 25 million trees by 2033. Table 6 provides the sector, implementing agency, GHG and co-pollutant emission impacts, jobs impacts, and related funding for this measure.

Table 6. Forestry Measure Specifics

Sector	Natural and Working Lands	
Implementing Agency	NYS DEC	
GHG Emission Reductions (MMT CO _{2e} 100-year GWP)	2025-2030: 0.15	2025-2050: 1.11
Co-Pollutant Emission Reductions (Metric tons)	Overall: measure not anticipated to result in significant co-pollutant reductions	LIDAC: measure not anticipated to result in significant co-pollutant reductions
Direct Jobs Created	Overall: 107	LIDAC: 44
Other Funding Sources	No direct funding sources were identified for this measure. CPRG funds would drive incremental afforestation and reforestation on marginal land, whereas existing federal and State funding supports planting in urban areas and communities. New York communities and organizations recently received \$73 million in IRA-funded USDA Urban and Community Forestry Grants, and NYS DEC received \$13 million.	

This measure involves many key strategies. Infrastructure improvements at New York's only State-run tree nursery would support large-scale afforestation and reforestation efforts, including expanding tree species offerings to meet adaptation and resiliency challenges and implementing upgrades to enhance seed collection, seed storage, seedling production, workforce development, and pre- and post-planting practices. Support for afforestation and reforestation may also include expanding or creating new free tree seedling programs, similar to New York's Trees for Tribes and Buffer in a Bag programs. These programs currently work to improve water quality by planting trees and shrubs in riparian areas along State waterways. It is

also important to partner with and support local governments and regional organizations to help scale up these programs. Reforestation efforts can focus on improving tree stocks in existing or degraded forestland, as is currently underway in New York's landowner cost-sharing Regenerate NY Program. To facilitate afforestation on underutilized or marginal lands, New York could establish statewide programs for seed collection and storage, establish regional supply and reforestation hubs, and create a database to track reforestation efforts for metric reporting and process improvement. NYS DEC's urban and community forest efforts including ReLeaf or Tree City programs which engage municipalities on the local level could also be expanded. Increasing forest protection and management in local and urban communities will increase carbon sequestration and storage and climate resilience. In addition, trees in urban areas reduce overall energy use (such as through the reduced use of air conditioning) and therefore reduce GHG emissions. Other restoration initiatives Regenerate NY or the New York State PRISMs (Partnerships for Regional Invasive Species Management) could be adjusted to include a focus on tree-planting as well. Natural and working lands critical for ongoing and enhanced carbon sequestration, as is avoiding conversion of such lands.

Authority to Implement: NYS DEC cares for and manages nearly five million acres of land including the Adirondack and Catskill Forest Preserve, State Forests, Unique Areas and the State Nature and Historic Preserve, and Conservation Easements pursuant to New York State Environmental Conservation Law (ECL) § 9-0105. It also manages several grant programs related to public and private forest management. Further, NYS DEC has authority to provide technical assistance to forest landowners with all phases of forest management, including plantation establishment and care and assisting communities with reforesting and wildlife habitat improvement work, including furnishing trees and shrubs for planting on publicly owned land free of charge.

Schedule and Milestones:

- 2024-2025: Design and begin construction of tree nursery upgrades
- 2025: Begin tree planting and assisted regeneration
- 2025: Begin seed sourcing
- 2026-2030: Scale up planting, seed sourcing, to plant 1 million trees per year with CPRG funds

Metrics for Tracking Progress:

- Number of trees planted
- Acres reforested or afforested
- Associated infrastructure upgrades completed

Co-Benefits:

- Improved air quality
- Increased water quality protection
- Extreme heat mitigation from tree planting in urban and suburban areas
- Reduced overall energy use in urban areas with tree coverage

3.5 Create Resilient and Green Public Facilities

This measure would support the development of decarbonized, resilient public buildings, weaving together funding streams to support holistic services for residents of disadvantaged

communities in New York. The measure would fund emissions reductions measures such as envelope improvements, solar photovoltaics, and heat pumps at public sites that provide a resiliency function. Facilities that are located in and serve disadvantaged communities will be prioritized for funding to ensure air quality, health, and other benefits accrue to those populations, and may include food banks, shelters, heating/cooling centers, and facilities that the public may access during emergencies. Grantees would develop case studies to share learnings with other municipalities in New York. Table 7 provides the sector, implementing agency, GHG and co-pollutant emission impacts, jobs impacts, and related funding for this measure.

Table 7. Resilient Buildings Measure Specifics

Sector	Buildings	
Implementing Agency	NYSERDA	
GHG Emission Reductions (MMT CO ₂ e 100-year GWP)	2025-2030: 0.02	2025-2050: 0.14
Co-Pollutant Emission Reductions (Metric tons)	Overall: <ul style="list-style-type: none"> • 2 NH₃ • 79.8 NO_x • 0.2 PM_{2.5} • 0.7 SO₂ • 2.6 VOC 	LIDAC: <ul style="list-style-type: none"> • 2 NH₃ • 79.8 NO_x • 0.2 PM_{2.5} • 0.7 SO₂ • 2.6 VOC
Direct Jobs Created	Overall: 11	LIDAC: 5
Other Funding Sources	Direct Federal Funding <ul style="list-style-type: none"> • Commercial Energy Efficiency Credit (179D) • Solar Investment Tax Credit (48E) Direct State Funding <ul style="list-style-type: none"> • NY Clean Heat Program • NY-Sun 	

This measure would assist local governments in working with energy performance contractors (EPCs) to greatly expand the number of public facilities that receive emissions reductions upgrades. Support will include prequalification of one or more EPC financing providers with standardized financing terms. Municipalities and EPCs may find external financing providers only if the terms are more favorable than the NYSERDA-qualified provider, ensuring the lowest possible financing cost. In addition, this measure would support for engineering, project scoping, development and de-risking of innovative models, and technical assistance to defray predevelopment costs and shorten the learning curve for municipalities who are unfamiliar with the process of engaging in EPCs. This will ensure municipalities have the knowledge and experience to continue leveraging EPCs in the future and enable retrofits to proceed in situations where there are limited capital funds available for improvements.

Authority to implement: NYSERDA’s enabling statute is Title 9 of the New York State Public Authorities Law § 1850 *et seq.* NYSERDA offers many incentive and technical assistance services to local governments in the buildings sector, including net zero retrofit competitions, local government recognition programs, and in-depth technical assistance to local governments and buildings decisionmakers.

Schedule and Milestones:

- Early Year 1: Prequalify energy performance contracting financier(s) and procure technical assistance provider
- Mid Year 1: Launch competitive grant competition for resilient community facility upgrades; begin offering EPC services to local governments
- Late Year 1: Award competitive grants for resilient community facilities
- Year 3: All upgrades supported by competitive grants are completed or in construction
- Year 5: All upgrades and case studies supported by competitive grants are completed; All EPC technical assistance services are complete

Co-Benefits:

- Food resiliency, shelter resiliency, and/or other resilient public services, which are particularly important for low-income and medically vulnerable individuals who may make greater use of public services like food banks, shelters, community centers, and cooling centers
- Reduced pollution from combustion of fuels for heating and improved indoor air quality
- Improved envelope performance will reduce operational costs and hold more consistent temperatures in case of a heating or cooling outage, allowing for greater resilience during extreme weather events
- Availability of safe places for people to shelter in case of emergencies
- Reduced energy costs for municipalities, particularly important for local governments that serve LIDACs, who may have limited tax revenue and therefore overstretched public funds needed to provide essential services

3.6 Phase Out Hydrofluorocarbons and Support Natural Refrigerants

Supermarkets are the largest source of GHG emissions from refrigeration. As New York and the U.S. transition away from harmful refrigerants, particularly HFCs with high GWPs, supermarkets will need to replace current technologies with low or zero GWP alternatives. Natural alternatives, like CO₂, are the optimal choice for minimizing environmental impacts and are starting to be adopted by major U.S. supermarkets. Supporting the transition to natural refrigerants, specifically in commercial food stores in disadvantaged communities, will help ensure food security and significantly reduce GHG emissions in the buildings sector, the largest source of emissions in New York. Support for this transition is crucial especially for smaller businesses and facilities in communities disproportionately impacted by the impacts of climate change. Table 8 provides the sector, implementing agency, GHG and co-pollutant emission impacts, jobs impacts, and related funding for this measure.

Table 8. Hydrofluorocarbon Phase-Out Measure Specifics

Sector	Buildings	
Implementing Agency	NYS DEC	
GHG Emission Reductions (MMT CO ₂ e 100-year GWP)	2025-2030: 0.30	2025-2050: 1.48
Co-Pollutant Emission Reductions (Metric tons)	Overall: measure not anticipated to result in significant co-pollutant reductions	LIDAC: measure not anticipated to result in significant co-pollutant reductions
Direct Jobs Created	Overall: 41	LIDAC: 17

Other Funding Sources	No direct funding sources were identified for this measure. The New York State Environmental Protection Fund supported a one-time pilot program to replace refrigeration equipment in supermarkets that uses high-GWP substances with equipment that uses natural refrigerants.
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This measure would offer funding to a not-for-profit entity to administer a competitive grant program to install refrigeration systems that contain natural refrigerants for food retail stores, food banks, and food hubs located in disadvantaged communities. Projects would need to demonstrate financial need and a commitment to food security in the community.

It is critical to phase out high-GWP HFCs generally. Both NYS DEC and the federal government have taken regulatory action to establish GWP thresholds and, over time, require the use of lower-GWP alternatives. The Scoping Plan recommends a managed and just transition from reliance on HFC use, including through updated regulations; codes, and standards; investments in research and development; and education, training, and outreach.

Authority to Implement: NYS DEC has the authority under ECL to enter into contracts to carry out its functions, powers, and duties (ECL § 3-0301(2)(b)), promote management of air resources (ECL § 3-0301(1)(b)), and provide for the abatement of all air pollution (ECL § 3-0301(1)(i)). In addition, NYS DEC has adopted 6 NYCRR Part 494, Hydrofluorocarbon Standards and Reporting, which establishes prohibitions on certain HFC substances in certain end-uses as previously included in the EPA Significant New Alternatives Policy program. NYS DEC recently proposed amendments to Part 494 to include prohibitions, reporting, and other requirements regarding the sale, use, and supply of HFCs and new products and systems that contain HFCs in line with the U.S. American Innovation and Manufacturing (AIM) Act and related EPA regulations.

Schedule and Milestones:

- Year 1: Procure not-for-profit organization to administer grant program
- Year 2: Launch competitive program to fund equipment replacements
- All 5 Years: Select and award funds for installation of new refrigeration equipment at a rate of at least 10 facilities per year

Metrics for Tracking Progress:

- Number of projects selected for funding
- New equipment installations
- Supplemental training and outreach events held

Co-Benefits:

- All projects would be located at a facility that serves a disadvantaged community
- Projects would be required to demonstrate commitment to food security, ensuring residents of disadvantaged communities have access to fresh food
- Projects may present opportunities to provide on-site workforce training and/or outreach

3.7 Support Organics Recycling

Food waste makes up 17% of the total municipal solid waste generated in New York, and yard trimmings represent an additional 7%.⁷ Additionally, NYS DEC estimates that 4.1 million tons of organic material enters New York’s municipal solid waste stream each year and that less than 10% is diverted from landfilling. Through the expansion of food and organic waste recycling programs, New York can significantly reduce the landfilling of organic waste. This would lead to reduced CH₄ emissions generated from the anaerobic degradation of these materials and support the State’s emission reduction directives. However, developing infrastructure for additional organics recycling capacity is costly and the relatively low cost of landfilling in much of New York makes organics recycling less attractive to both the private and municipal sectors. Table 9 provides the sector, implementing agency, GHG and co-pollutant emission impacts, jobs impacts, and related funding for this measure.

Table 9. Organics Measure Specifics

Sector	Waste and Materials Management	
Implementing Agency	NYS DEC	
GHG Emission Reductions (MMT CO _{2e} 100-year GWP)	2025-2030: 0.22	2025-2050: 1.20
Co-Pollutant Emission Reductions (Metric tons)	Overall: measure not anticipated to result in significant co-pollutant reductions	LIDAC: measure not anticipated to result in significant co-pollutant reductions
Direct Jobs Created	Overall: 148	LIDAC: 61
Other Funding Sources	NYS DEC supports municipal food scraps recycling initiatives and funding levels depend on annual budget appropriations. In addition, governments in New York have been awarded \$434,000 in federal funding through USDA Composting and Food Waste Reduction Agreements and Chemung County was recently awarded a \$1.7 million State Water Infrastructure for Recycling grant from EPA.	

NYS DEC currently implements several strategies to prioritize wasted food reduction, food donation, and food scraps recycling programs and initiatives in the commercial, industrial, agricultural, and institutional sectors. NYS DEC’s ongoing and future initiatives aim to support the continued development of the organics recycling industry in New York State and empower residents to properly manage excess food, reduce wasted food, and recycle their food scraps. This measure would support those efforts by providing funding to grow the public and private infrastructure to recycle food scraps through composting or other acceptable organics recycling methods. This could include starting or expanding a food scraps composting facility, expanding a yard trimmings composting facility to accept food scraps, starting a food scraps drop-off program, purchasing equipment needed to process food scraps, or purchasing equipment to transport food scraps.

NYS DEC regulates approximately 60 composting facilities to compost food scraps, approximately one-third of which are operated by a municipality, and the remaining two-thirds

⁷ New York State Department of Environmental Conservation. 2023. New York State Solid Waste Management Plan: Building the Circular Economy Through Sustainable Materials Management (2023-2032). Albany, NY. Accessed at: <https://dec.ny.gov/environmental-protection/waste-management/solid-waste-management-planning/nys>.

are privately owned and operated. Additionally, there is a larger group of municipalities and non-profits that operate food scraps drop-off programs and curbside collection programs to recycle food scraps at a nearby composting operation.

Since 2010, NYS DEC has provided more than \$11 million in funding for food donation and food scraps recycling. NYS DEC anticipates a steady need for additional funding as the organics recycling industry continues to develop both in the public and private sectors. Through NYS DEC's existing programs, funding may be used to provide an additional 20 grants by the end of 2025 and an additional 20 grants by the end of 2030. Sustainable materials management policies support the creation of jobs and new opportunities for economic growth by retaining the value of materials, keeping that value within the supply chain, and presenting new business models where the value of resources is maintained within a circular economy.

Authority to Implement: NYS DEC regulates composting facilities and manages municipal grants to help establish or expand food scrap recycling programs and facilities. NYS DEC has the authority under ECL § 3-0301(2)(b) to enter into contracts to carry out its functions, powers, and duties as well as authority under ECL § 3-0301(1)(o) to encourage recycling and reuse of products to conserve resources and reduce waste products. In addition, the New York State Food Donation and Food Scraps Recycling Law became effective in 2022 and requires businesses and institutions that generate an annual average of two tons of wasted food per week or more to donate excess edible food and recycle all remaining food scraps if they are within 25 miles of an organics recycler. Over 1,000 businesses across the State are required to donate, and nearly 400 businesses are required to recycle their food scraps.

Schedule and Milestones:

- Years 1 and 2: 20 grants provided
- Years 2 through 5: Additional 20 grants provided

Metrics for Tracking Progress:

- Pounds of food waste diverted
- Facilities constructed
- Programs implemented

Co-Benefits:

- Reduced landfill volume from diverted material decreases CH₄ emissions
- Food waste programs can support food security and food relief organizations by diverting excess edible food

3.8 Reduce Fugitive Methane and Co-Pollutant Emissions from Landfills

Landfills are the largest source of emissions in New York's waste sector, accounting for 78% of emissions in this sector, largely from uncaptured CH₄.⁸ As organic material breaks down in a landfill's anaerobic environment, it generates CH₄, a GHG 28 times more potent than CO₂ over a 100-year time interval, and 84 times more potent over a 20-year time interval. Many municipal solid waste landfills in New York have gas collection systems in place that greatly reduce

⁸ New York State Department of Environmental Conservation. 2023. 2023 Statewide GHG Emissions Report. Albany, NY. Accessed at: <https://dec.ny.gov/environmental-protection/climate-change/greenhouse-gas-emissions-report>.

emissions, but gases still escape through the landfill cap and leak during the active placement of waste. Additionally, although anaerobic digestion is recognized as a method for recycling organic waste, if there are leaks from the gas-handling system, CH₄ can be lost to the atmosphere. Table 10 provides the sector, implementing agency, GHG and co-pollutant emission impacts, jobs impacts, and related funding for this measure.

Table 10. Landfills Measure Specifics

Sector	Waste and Materials Management	
Implementing Agency	NYS DEC	
GHG Emission Reductions (MMT CO ₂ e 100-year GWP)	2025-2030: 0.63	2025-2050: 7.16
Co-Pollutant Emission Reductions (Metric tons)	Overall: <ul style="list-style-type: none"> • 665.1 NO_x • 10.1 CO • 76.6 VOC • 511.9 SO_x 	LIDAC: <ul style="list-style-type: none"> • 272.6 NO_x • 4.1 CO • 31.4 VOC • 209.8 SO_x
Direct Jobs Created	Overall: 37	LIDAC: 15
Other Funding Sources	Direct Federal Funding <ul style="list-style-type: none"> • Investment Tax Credit for Energy Property (48) New York may seek to leverage the structure of its existing grant programs for Municipal Landfill Closure Projects and Municipal Landfill Gas Management Projects to support the implementation of this measure.	

NYS DEC currently administers programs to manage landfill gas and landfill closures and has realized that the need exceeds available funding levels. This measure would allow NYS DEC to enhance landfill gas management by installing gas collection systems sooner after waste placement, installing specialty landfill gas collectors for difficult to access areas, or enhancing gas dewatering systems to increase collection efficiency. This measure could also include other CH₄ monitoring or CH₄ mitigation measures at landfills as appropriate. NYS DEC will also prioritize driving down emissions of co-pollutants associated with solid waste management facilities.

In addition to these approaches, waste prevention, reuse, and recycling can significantly reduce GHG emissions and prevent materials from being disposed of and sent to landfills in the first place. Waste reduction focuses on the prevention or reduction of solid waste generation through changes in consumer and business behavior; changes in products, packaging, and purchasing; repair; and reuse. Reuse and recycling should be maximized when the generation of waste cannot be prevented or reduced. The New York State Solid Waste Management Plan incorporates many actions that municipalities and other partners can take to support waste reduction, reuse, and recycling.

Authority to Implement: NYS DEC has the authority under the ECL to enter into contracts to carry out its functions, powers, and duties (ECL § 3-0301(2)(b)), promote management of air resources (ECL § 3-0301(1)(b)), and provide for the abatement of all air pollution (ECL § 3-0301(1)(i)). In addition, NYS DEC regulates active and inactive landfills under 6 NYCRR Part 363. It also manages grant programs related to landfill management and landfill closures.

Schedule and Milestones:

- Year 1: Engage with local governments to discuss program elements and potential project locations
- Years 2 and 3: Select project locations and begin planning and design
- Years 3 through 5: Complete at least 10 projects

Co-Benefits:

- Capturing CH₄ reduces odors and GHG and co-pollutant emissions

3.9 Reduce Fugitive Methane and Co-Pollutant Emissions from Water Resource Recovery Facilities

Wastewater resource recovery facilities (WRRFs) produce GHG emissions through wastewater processing systems and from anaerobic digesters (if present), accounting for approximately 15% of waste sector emissions. Municipally owned WRRFs (also known as wastewater treatment plants) perform a critical function in protecting water quality. There are 612 publicly owned WRRFs in New York that serve 1,610 municipalities. WRRFs represent a significant portion of the organic waste composition in New York and present tremendous opportunity for reducing GHG emissions. However, the funding for WRRFs is tied to municipal water and sewer rates, is generally constrained, and is largely dedicated to improving water quality, making it difficult to self-fund beneficial reuse projects. Table 11 provides the sector, implementing agency, GHG and co-pollutant emission impacts, jobs impacts, and related funding for this measure.

Table 11. Wastewater Facility Measure Specifics

Sector	Waste and Materials Management	
Implementing Agency	NYS DEC	
GHG Emission Reductions (MMT CO _{2e} 100-year GWP)	2025-2030: 0.06	2025-2050: 0.21
Co-Pollutant Emission Reductions (Metric tons)	Overall: <ul style="list-style-type: none"> • 45.9 NO_x • 32.1 CO • 9.3 PM_{2.5} • -1.6 VOC • 33.9 SO_x 	LIDAC: <ul style="list-style-type: none"> • 18.8 NO_x • 13.1 CO • 3.8 PM_{2.5} • -0.7 VOC • 13.9 SO_x
Direct Jobs Created	Overall: 62	LIDAC: 25
Other Funding Sources	Direct Federal Funding <ul style="list-style-type: none"> • Investment Tax Credit for Energy Property (48) 	

To reduce GHG emissions from these facilities, this measure would provide planning and implementation funding for projects that recover CH₄ at WRRF facilities and result in on-site CH₄ capture and energy production using non-combustion methods such as fuel cells. Supporting local governments in this manner will help WRRF facilities self-supply energy and result in reduced operating costs. In addition to the GHG benefits, these projects can support overall resilience of essential wastewater functions in the event of grid outages, which could increase in frequency as the State sees worsening impacts from climate change. By prioritizing large

candidate WRRF digesters in need of repair, the State can realize significant GHG and co-pollutant emission reductions by 2030 for New York's residents.

Authority to Implement: NYS DEC has authority to implement planning and implementation grant programs. In particular, NYS DEC has the authority under the ECL to enter into contracts to carry out its functions, powers, and duties (ECL § 3-0301(2)(b)), promote management of air resources (ECL § 3-0301(1)(b)), and provide for the abatement of all air pollution (ECL § 3-0301(1)(i)). In addition, 6 NYCRR Part 650, Qualifications of Operators of Wastewater Treatment Plants, establishes specific requirements for wastewater treatment plant certification in New York and 6 NYCRR Part 750, State Pollutant Discharge Elimination System Permits, contains provisions for permitting and operating of WRRFs primarily intended to address discharges.

Schedule and Milestones:

- 2024: Engage with local governments to discuss program elements and potential project locations
- 2025-2027: Select project locations and complete at least 3 projects
- 2028-2030: Complete at least 7 projects

Metrics for Tracking Progress:

- Number of projects selected for funding
- Facility designs completed
- Installations completed

Co-Benefits:

- Capturing CH₄ reduces odors and GHG and co-pollutant emissions
- Beneficial reuse would focus on increasing electric system capacity for electrification in LIDACs and reducing grid constraints by increasing self-supply of energy needs

4 Low-Income and Disadvantaged Communities Benefits Analysis

The CPRG planning grant requires grantees to identify disadvantaged communities in the jurisdiction covered by the plan, how the grantee meaningfully engaged with such communities in the development of the plan, and how engagement will continue in the future.

To identify disadvantaged communities, EPA strongly encourages grantees to use the Climate and Economic Justice Screening Tool (CEJST). As this PCAP intends to cover the entire geography of New York State, a list of communities statewide was identified using the CEJST, which was used for the measure-specific quantitative and qualitative analyses. A discussion of how the State engaged with disadvantaged communities for the purposes of this planning grant is included in the *Coordination and Engagement* section. Engagement moving forward will be based on a number of factors, including the specific GHG emission reduction measure, and responses received from current surveys and outreach requesting information on how communities would like to be engaged. New York will also leverage existing community networks, such as the NYS DEC Climate Smart Communities program, to engage with disadvantaged communities on the CCAP development.

In addition, it is critically important to consider the commitments and statutory requirements already in place in New York. The Climate Act defines disadvantaged communities as “communities that bear burdens of negative public health effects, environmental pollution, impacts of climate change, and possess certain socioeconomic criteria, or comprise high concentrations of low- and moderate-income households.” It requires all State agencies, offices, authorities, and divisions to prioritize reductions of GHG and co-pollutant emissions in disadvantaged communities and to not disproportionately burden disadvantaged communities when issuing administrative approvals and decisions. The Climate Act also requires that disadvantaged communities receive a minimum of 35%, with a goal of 40%, of the benefits of spending on clean energy and energy efficiency programs. This aligns with the federal government’s Justice40 Initiative, which sets a goal that 40% of the overall benefits of certain Federal climate, clean energy, affordable and sustainable housing, and other investments flow to disadvantaged communities. The Climate Act established a Climate Justice Working Group that, in part, was required to establish criteria to define and identify disadvantaged communities in New York. Final criteria were published in March 2023. The Climate Justice Working Group used 45 indicators in establishing criteria to identify 35% of New York as disadvantaged communities pursuant to the Climate Act. The criteria, which differ from federal criteria, include multiple indicators that represent the environmental burdens or climate change risks within a community, or population characteristics and health vulnerabilities that can contribute to more severe adverse effects of climate change. More information, including a list and map of New York-designated disadvantaged communities, can be found at climate.ny.gov/Resources/Disadvantaged-Communities-Criteria.

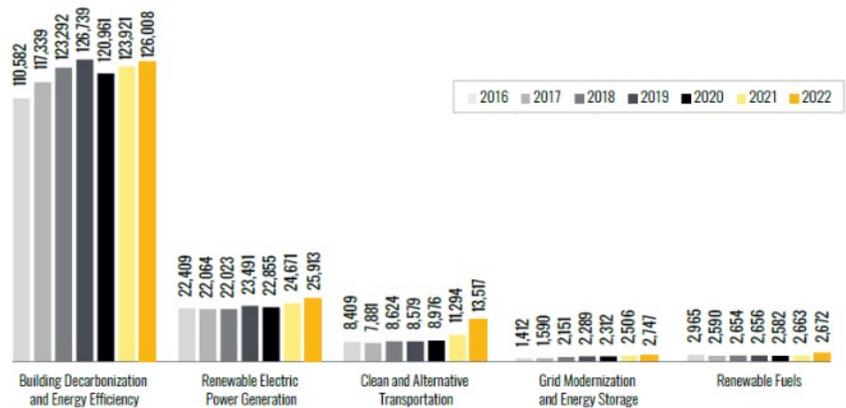
As required by the CPRG program, this PCAP includes a qualitative discussion of the expected benefits to LIDACs associated with each GHG emission reduction measure according to federal guidance and definitions. Those benefits are included in the description of each measure in *Priority GHG Reduction Measures*. This section also includes a breakdown of estimated co-pollutant emission reductions overall and specifically in LIDACs, as defined by EPA for the purposes of CPRG, as well as a breakdown of direct job impacts overall and in LIDACs.

New York remains committed to ensuring that the transition to a clean economy addresses health, environmental, and energy burdens that have disproportionately impacted disadvantaged communities and seeks to remedy the structural causes that underpin those burdens.

5 Workforce Planning Analysis

5.1 State of the Current Climate Workforce

Each year, NYSERDA develops a Clean Energy Industry Report based on economic data and survey results from employers, employees, and others. This report only captures energy-related industry trends and does not address other sectors addressed by the CPRG program, such as Waste and Materials or Natural and Working Lands.



Clean Energy Jobs in New York

The 2023 report found that there are nearly 171,000 clean energy workers in New York State as of the last quarter of 2022. Between 2021 and 2022, clean energy employment saw an increase of 5,800 jobs, representing a 3.5% growth during this period. This rise marks the third largest year-over-year increase since the State began tracking clean energy employment in 2015. Employment in building decarbonization and energy efficiency accounted for about 74% of all clean energy employment in New York in 2022 and for 36% of all job growth between 2021 and 2022.

Figure 1. Clean Energy Employment by Technology Sector 2016-2022

Installation workers consistently comprise more than half of the clean energy establishments in New York since 2016 and have witnessed steady expansion in recent years. Employment in the Installation segment increased from 96,409 jobs in 2021 to 100,703 jobs in 2022, surpassing pre-pandemic levels. This segment accounted for 74% of the new jobs in the clean energy value chain, though Professional Services and Manufacturing are also experiencing growth.

Ensuring Inclusive, High-Quality Careers in Clean Energy Industries

Unions and Benefits

Roughly one-in-eight clean energy workers in New York are members of a union or are covered by a union, which is a higher rate than the national average in clean energy. These rates differ substantially by value chain segment. About one-in-five (21%) public or private utility workers are covered under a union compared to only 3% of workers in the sales and distribution segment. Given the incentives available for union construction work under the IRA, the share of this workforce may increase in future years.

Many clean energy occupations have higher rates of health insurance and retirement benefits than the overall economy but tend to have lower rates of health insurance and retirement benefits than unionized positions.

Disadvantaged Communities and Demographics

NYSERDA developed a series of metrics that capture geographic aspects of where clean energy workers live and where clean energy jobs are, so as to better understand the current clean energy employment landscape within New York State-designated disadvantaged communities. The analysis uses county-level clean energy employment data proportioned to the census-tract level, the geography at which disadvantaged communities are defined, to ensure

sufficient datapoints for robust analysis. Therefore, the following results should still be treated as estimations.

Of the 170,857 clean energy jobs in New York State in 2022, 52,749 (31%) of these jobs can be found within New York State-designated disadvantaged communities, compared to approximately 36% of the State’s total population living in a New York State-designated disadvantaged community. Twenty-three of the 52 counties with disadvantaged communities have a higher concentration of clean energy jobs in disadvantaged communities than the statewide concentration of clean energy jobs. This means that many disadvantaged communities within counties around the State have a high proportion of clean energy employment opportunities. However, most disadvantaged communities have a lower share of clean energy workers living within them. In fact, only 37% of counties with disadvantaged communities have a greater concentration of residents with clean energy jobs than the overall average concentration for the State.

The clean energy workforce in New York became more diverse between 2021 and 2022, but there is still progress to be made. The share of women in clean energy increased by 3% between 2021 and 2022.

	NY Clean Energy Industry				New York State's Labor Force
	Overall Clean Energy, 2021	Overall Clean Energy, 2022	Renewable Electric Power Generation	Building Decarbonization and Energy Efficiency	
Female	25%	26%	28%	26%	48%
Male	75%	74%	72%	74%	53%
White	72%	72%	71%	72%	70%
Hispanic/Latin/a/x	15%	15%	16%	15%	17%
Black	8%	9%	10%	9%	17%
Asian	7%	8%	9%	8%	9%
Native American	2%	1%	1%	1%	1%
Pacific Islander	1%	1%	1%	1%	<1%

Figure 2. Clean Energy Demographics, 2022

However, women account for just over a quarter of clean energy workers despite comprising nearly half of the State’s workforce. Similarly, Hispanic/Latin/a/x, Black, and Asian workers saw significant increases in representation in clean energy (4%, 11%, and 9% respectively), but are still slightly underrepresented in clean energy relative to the broader labor force (Figure 2). It will be critical to continue to monitor, fund, and support New York’s investments and programs that support diversification within the clean energy workforce.

Hiring Challenges

More than nine in ten clean energy employers stated it was at least somewhat difficult to hire clean energy workers, with 45% reporting that it was ‘very difficult’ to hire clean energy workers. Hiring challenges were severe across all technology sectors, but renewable fuels employers reported the greatest levels of hiring difficulty. Though hiring in clean and alternative transportation was challenging for most employers, one in five reported having little difficulty. This heightened and growing need for workers emphasizes the need for more investment in workforce training and pipeline development, ensuring that New York residents of all backgrounds have access to clean energy related jobs and skills training that connects them with local employers looking to hire talent.

5.2 Projected Workforce Needs through 2050

As part of the Climate Act, the Council’s Just Transition Working Group guided the development of a study in 2021, with an update in 2023, that would:

- Estimate “the number of jobs created to counter climate change, which shall include but not be limited to the energy sector, building sector, and working lands sector”

- Examine the “projection of the inventory of jobs needed and skills and training required to meet the demand of jobs to counter climate change” as well as the “workforce disruption due to community transitions from a low carbon economy”
- “Advise the Council on issues and opportunities for workforce development and training related to energy efficiency measures, and renewable energy and other clean energy technologies, with specific focus on training and workforce opportunity for disadvantaged communities, and segments of the population that may be underrepresented in the clean energy workforce such as Veterans, women, and formerly incarcerated persons”

The 2023 update estimated the quantity of job changes from 2019 to 2025, 2030, 2035, 2040, 2045, and 2050 under two scenarios from the Integration Analysis. It also assessed how the type, location, and quality of jobs—specifically employment by sustaining wage tier—will change from 2019 to 2030 under two investment scenarios. Key findings include:

1. From 2019 to 2030, under both modeled scenarios, the number of jobs added from growing subsectors exceeded the number of jobs lost in displaced subsectors by a ratio of approximately ten to one. In the 20 growing sub-sectors, total employment would increase by more than 60% from 2019 to 2030, adding at least 211,000 new jobs in New York State. The eight displaced sub-sectors saw total jobs decline by about 14% from 2019 to 2030, losing approximately 22,000 jobs. This finding indicates that expanding the pipeline for the growing workforce will require considerably more people than simply transitioning over those that have lost employment opportunities in displaced subsectors.
2. The buildings sector accounted for well over half of all the jobs added in growing subsectors from 2019 to 2030, with the most sizeable increases in added jobs found in the residential HVAC and residential shell subsectors. This finding indicates the need to expand the residential building workforce considerably before 2030 to meet the expected need from either modeled scenario.
3. Conventional fueling stations (gas stations) account for more than 40% of all displaced jobs in the primary sectors from 2019 to 2030. This finding indicates that traditional fueling stations will likely need to adapt, beyond providing gasoline for cars, or face diminishing opportunities for revenue and employment.
4. In the electricity sector, more mature subsectors like transmission, distribution, and solar will see strong growth between 2019 and 2040, while more nascent subsectors like offshore wind, storage, and hydrogen are expected to experience exponential growth. This finding indicates that parts of the growing electricity sector will be able to build upon their current established workforce, while other parts of this sector will almost need to start from the beginning as these subsectors have little, if any, workforce development infrastructure.
5. In the buildings sector, employment could be significantly impacted under different scenarios where domestic manufacturing within New York State was increased. If domestic manufacturing was increased to 50% produced within New York State by 2030, an additional 17,000 to 18,000 jobs would be added under two modeled scenarios. If domestic manufacturing was increased to 100% produced within New York State by 2030, an additional 42,000 to 44,000 jobs would be added under two modeled scenarios.

6. Geographically, net job growth from 2019 to 2030 is evenly distributed as each of the five regions across the State sees an increase of at least 10,000 net new jobs. This finding indicates that job growth will occur across the New York State and each of the regions should consider workforce development efforts and training to supply a well-prepared labor force for these growing positions.
7. Occupationally, in the growth sub-sectors, the largest job increases from 2019 to 2030 will be found in installation and repair positions. They are expected to account for over half of added jobs in this time period. This finding indicates that additional research should likely be done to understand the education and training resources that lead into these positions and the different career pathways that can be found in this category of occupations.
8. The wage profile of jobs in the four sectors shows the largest increase from 2019 to 2030 in middle wage positions (\$28 to \$37 an hour), while high wage (>\$37 an hour) and low wage positions (<\$28 an hour) experienced a net increase in jobs but make up a smaller portion of the four-sector workforce in 2030. This finding goes against national and statewide trends that have seen middle wage positions decline over the last decade. It is also important to note that these wage projections are based on current Bureau of Labor Statistics data but could change depending on the addition of transition policies that include high road labor standards and practices, such as those envisioned in the Climate Act.

5.3 Workforce Programming to Address Gaps

NYSERDA administers multiple programs that support activities as diverse as:

- Training for building and operations staff to properly operate and maintain building systems;
- On-the-job training for new clean energy staff;
- Internships for students seeking hands-on experience at a clean energy company;
- Curriculum development to meet the demands of clean energy employers;
- Creation of a sustainable talent pipeline that can reduce the costs and risks of hiring new employees; and
- Career pathways training for new clean energy workers.

NYSERDA's [Building Operations and Maintenance \(O&M\) Training Program](#) supports training projects that create the educational strategy, on-site training framework, and tools needed to advance the skills of building operations and maintenance workers, and to prepare new workers beyond conventional classroom training. To date, 69 projects have been launched to train and upskill more than 8,000 building O&M workers. Approximately 40% of program expenditures to date have gone to train operators at buildings located in New York State-designated disadvantaged communities.

NYSERDA provides funding for energy efficiency and clean technology training for new and existing workers focusing on energy efficiency, building electrification, renewables, energy storage and electric vehicle charging station infrastructure. Projects supported through this program are intended to develop and/or deliver clean energy technical training and relevant education, hands-on experience and apprenticeships, full-time jobs, or advanced formal training. The goal is to ensure that both new and existing workers, apprentices, journeypersons,

and students, as applicable, have the skills, experience, and qualifications required to meet industry demand. To date, the program has supported a total of 50 projects to train and upskill nearly 16,000 individuals.

NYSERDA offers a program as part of [New York's Offshore Wind Training Institute](#) to advance workforce training and skills development for New York's offshore wind industry. The program offers two categories: (1) Training for disadvantaged communities/NYSERDA-defined priority populations, and (2) Training to support offshore wind supply chain development, focusing on preparing new and existing workers for high-growth offshore wind jobs via technical training.

NYSERDA's [On-the-Job Training Program for Energy Efficiency and Clean Technology](#) ("OJT Program") is a cornerstone of New York State's support for industry employers to grow its workforce. In partnership with the NYS Department of Labor, NYSERDA provides up to 75% of the wages for a new hire at a clean energy business for a four to six month "on-the-job training period." The program offers higher incentives, favorable participation paths, and certain requirements for ensuring a substantial portion of program funding goes toward the hiring of disadvantaged community residents and diverse business enterprises. As of December 2023, 187 businesses have participated in NYSERDA's OJT Program, having hired 1,685 new workers to date since the program launch in 2018. Thirty-four percent of these individuals are residents of New York State-designated disadvantaged communities or members of NYSERDA-defined priority populations.

Complementing NYSERDA's OJT Program is the New York State [Clean Energy Internship Program](#), which funds internships for students and graduates at New York State's clean energy businesses. Depending on the size of the employer, the program reimburses up to 90% of an intern's wages up to \$17/hour. Three hundred seven businesses, municipalities, and community organizations have participated in NYSERDA's Clean Energy Internship Program, having hired 1,925 interns as of December 2023.

Similarly, [NYSERDA's Climate Justice Fellowship Program](#) partners with community-based organizations, universities, municipalities, climate tech start-ups, venture development organizations, and clean energy businesses to provide year-long fellowships to individuals from NYSERDA-defined priority populations to advance climate justice and clean energy priorities in disadvantaged communities. Fellowships are subsidized at \$40,000 per year of which up to \$3,000 may be used to support wraparound services and professional development opportunities. Twenty-two employers have participated in NYSERDA's Climate Justice Fellowship to date with 20-30 more expected in the coming year. At the end of their fellowship, fellows can be hired full-time for a permanent job under the OJT program.

Additionally, NYSERDA recently launched a new program for Apprenticeship and Pre-Apprenticeship Clean Energy Training. Through this opportunity, and in working with union and Direct Entry pre-apprenticeship programs across the State, NYSERDA seeks to grow a diverse, equitable, and inclusive pipeline of skilled talent for the clean energy labor market. Program participants may create and/or expand the capacity of Direct Entry Pre-apprenticeship and Registered Apprenticeship programs as a pathway to high-quality, family-supporting jobs. A minimum of 50% of training participants must be from New York State-designated disadvantaged communities and/or NYSERDA-defined priority populations. For projects that include a K-12 career awareness and outreach plan, at least 50% of participating schools must

be located in a disadvantaged communities or serve a majority of students from disadvantaged communities.

5.4 New York State Office of Just Energy Transition

New York State recently established an Office of Just Energy Transition to connect workers to opportunities for quality jobs, upskilling, and training with a focus on serving those who are traditionally underrepresented, especially within disadvantaged communities. The Office will also assist businesses by upskilling their workers and connecting them to a trained workforce while helping navigate eligible hiring incentives and available funding.

6 Next Steps

This PCAP was developed pursuant to the CPRG planning grant to identify near-term, high-priority, implementation-ready measures that New York may implement to reduce climate pollution. It is structured to meet the requirements set forth in the under the CPRG planning grant and includes, in part, an analysis of GHG and co-pollutant emission reductions that each measure may achieve if implemented. As discussed, this PCAP is also a pre-requisite for competing under the CPRG implementation grant opportunity. New York intends to submit an application or applications to compete under the general competition. As stated in the *Introduction*, the measures in this PCAP should be construed as broadly available to any entity in the State eligible for receiving implementation funding under the CPRG program and other funding streams, as applicable.

This PCAP will be followed by a CCAP, to be released in summer 2025. New York will leverage the robust engagement completed prior to and during the development of the Scoping Plan and PCAP and will continue to engage stakeholders to inform a comprehensive list of statewide GHG emission reduction measures for the CCAP.

New York will also release a Status Report in 2027 which will provide measure-level status updates on implementation progress for each measure of the CCAP.

Appendix A. PCAP Analysis Assumptions

Pursuant to the CPRG planning grant requirements, the State scoped example programs that align with the measures included in this PCAP and conducted quantitative and qualitative analyses for each. The scopes, analyses, and outcomes are illustrative of types of programs or projects that align with the PCAP measures. However, these measures should be interpreted broadly by eligible applicants under the CPRG program or other relevant federal grant programs to allow for other programs or projects that may have different scopes and outcomes. Similarly, the quantified impacts of each measure were derived based on a variety of assumptions, including assumptions about the scale and scope of an example program. These assumptions may not align with assumptions used in CPRG Implementation Grant applications as submitted by New York State or other eligible entities that reference this PCAP.

General Assumptions

The following assumptions apply to all measures contained in this PCAP.

- GHG, co-pollutant, and jobs impacts were prorated by an assumed level of potential CPRG funding, per the “cost effectiveness metric” specific to the CPRG Implementation Grant Notice of Funding Opportunity and Frequently Asked Questions
 - For example, if an existing tax credit covers 20% of implementation costs of a given program scope, the resulting GHG, co-pollutant, and impacts would be scaled down by 20%
- Electric grid emissions projections assume that New York State achieves its Climate Act clean electricity targets
- Fuel emissions factors are based on the 2023 [EPA GHG Emission Factors Hub](#)
- GWP are based on the [IPCC Fifth Assessment Report](#)
- LIDAC benefits are based on the assumed percentage of activity taking place in CJEST LIDAC-designated census tracts or census block groups at or above the 90th percentile for New York State within EJ Screen’s supplemental indices

Measure-Specific Assumptions

Table 12 describes the measure-specific assumptions.

Table 12. Measure-Specific Assumptions

Measure	Number of Projects	Location	Other
3.1 Electrify Public Sector Medium- and Heavy-Duty Vehicles and Off-Road Equipment	Incentives for 50 heavy-duty, 120 medium-duty, and 450 offroad vehicles; Bid specifications spur adoption of additional 200 vehicles per year	Not specified	n/a
3.2 Support Zero-Emission Public Transit Fleets and Infrastructure	Diesel buses replaced at end of useful life with hydrogen or electric models (70 buses per year)	Regional, not specified	Measure includes both vehicles and charging/fueling infrastructure

3.3 Support the Implementation of Smart Growth Measures	Program supports 50 communities with planning grants	Funding prioritized for disadvantaged communities	Rezoning results in increased building density and drives reductions in transportation and building sector emissions on a per capita basis
3.4 Implement Large-Scale Afforestation and Reforestation	Program supports 26 million trees planted by 2050	Plantings take place on marginal agricultural land	Investments in nursery modernization extends impact of CPRG beyond 2050; other funding needed to support continued planting
3.5 Create Resilient and Green Public Facilities	Support 10 community facilities and 25 EPC portfolios	Community facilities located in disadvantaged communities; EPC support prioritized for local governments with disadvantaged communities	n/a
3.6 Phase Out Hydrofluorocarbons and Support Natural Refrigerants	Program supports conversion of 100 commercial refrigeration systems from R507-A to R-744	Funding prioritized for disadvantaged communities	Systems are based on commercial food stores (supermarkets) and include full and partial replacements; supermarket conversions reduce refrigerant GWP by ~4000x
3.7 Support Organics Recycling	Grants to support 40 new organics programs	Funding prioritized for disadvantaged communities	Program focuses on diverting food scraps from landfill disposal; could include composting or other infrastructure
3.8 Reduce Fugitive Methane and Co-Pollutant Emissions from Landfills	Program supports 10 landfill projects; 5 flaring landfill gas and 5 generating electricity from landfill gas	Funding prioritized for disadvantaged communities	Landfill flare projects capture and compost fugitive CH ₄ ; landfill generation projects reroute CH ₄ from flare to gas turbine
3.9 Reduce Fugitive Methane and Co-Pollutant Emissions from Water Resource Recovery Facilities	Program supports 20 fuel cell systems to provide electricity and heat installed at WRRFs	Funding targeted for WRRFs with existing anaerobic digesters	Electricity and heat production offset grid electricity and natural gas usage; fugitive CH ₄ reduced through infrastructure improvements

MATT CHRISTOPHER

Senior Project Manager, Efficiency Planning and Engineering, NYSERDA

Key professional experience

NYSERDA	Senior Project Manager, Efficiency Planning & Engineering	2019-current
Arcadis Inc.	Project Manager, Energy Group	2011-2019

Relevant Expertise

Matt Christopher will support the Advanced Energy Performance Contracting measure implementation. Matt has over 10 years of experience in energy efficiency and decarbonization program development and implementation. His current role at NYSERDA focuses on providing technical assistance to Commercial and Multifamily building owners through NYSERDA's Flexible Technical Assistance program (FlexTech). Matt has managed energy audits, energy master plans, decarbonization studies and other forms of technical assistance. To provide customers with tangible guidance, he must be familiar with New York City (NYC) Local Laws, including Local Law 87 and Local Law 97. In addition, he manages and maintains the NYSERDA FlexTech consultant list. The FlexTech consultant list consists of one hundred and eleven (111) engineering firms who provide technical assistance across New York State (NYS).

Matt's previous work experience includes various NYSERDA programs. Of note, he assisted in designing and managing the NYSERDA Westchester Natural Gas Moratorium Pilot program. NYSERDA provided targeted technical assistance to customers located in Westchester County to help building owners convert their fossil fuel heating systems to electric heat pumps. He also managed projects for NYSERDA's Existing Facilities Demand Management Program, which assisted building owners, including local government, to implement energy efficiency and decarbonization measures in their buildings. Close coordination with utilities across NYS was required to effectively implement these measures. Coordination included sharing reports and formal reporting of energy and financial metrics to Con Edison.

Education

University at Albany	BA	Urban Planning	2011
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JESSICA FOWLER

Climate Policy Section Lead, Office of Climate Change, NYSDEC

Key professional experience

NYSDEC	Climate Policy Section Lead, Office of Climate Change	2021-current
NYS Senate	Senior Budget Analyst, Majority Conference	2019-2021
NYS Assembly	Legislative Director, Assemblymember Steve Englebright	2016-2019

Relevant Expertise

Jessica Fowler will act as project manager and support the overall implementation of this proposal. Jessica will also specifically work to implement the measure to phase out hydrofluorocarbons and support natural refrigerants. Jessica has nearly a decade of experience in New York State climate policy and has played a role in developing and implementing several new state-level climate policies. In her 3 years at the NYSDEC Office of Climate Change, Jessica has led multiple successful efforts to coordinate across state agencies and pursue state and federal funding opportunities. Jessica specifically assisted with the development of the statewide Climate Action Council Scoping Plan pursuant to the Climate Leadership and Community Protection Act. She is well-versed in the needs of New York State and its local governments when it comes to GHG emission reductions.

Education

Bard College	M.S.	Environmental Policy	2015
Niagara University	B.A.	Political Science and Environmental Studies	2012

SUZANNE HAGELL

Chief, GHG Mitigation Bureau, Office of Climate Change, NYSDEC

Key professional experience

NYSDEC	Chief, GHG Mitigation Bureau, Office of Climate Change	2022-Current
NYSDEC	Climate Policy Analyst and Regulatory Coordinator, Office of Climate Change	2014-2022

Relevant Expertise

Suzanne Hagell will support the Natural Refrigerant implementation. Suzanne manages the GHG policy, analysis, and regulatory enforcement teams in the NYSDEC Office of Climate Change. Suzanne’s work at NYSDEC over the past decade includes a special focus on short-lived climate pollutants and fluorinated GHGs. She served as the rulewriter for 6 NYCRR Part 494 “Hydrofluorocarbon Standards and Reporting” and represents the agency on matters related to HFC and refrigerant policy. She has managed multiple service contracts for work related to HFCs, including the 2023 “New York State Assessment of Natural Refrigerants.”

Education

Northern Arizona University NSF IGERT Program	PhD	Forest Science	2010
City University of New York, Graduate Center	MPhil	Anthropology	2006
University of Wisconsin, Madison	BA	Anthropology	2000

ERIKA JOZWIAK

Climate Resilience Lead, Clean and Resilient Buildings, NYSERDA

Key professional experience

NYSERDA	Climate Resilience Lead, Clean and Resilient Buildings Team	2023-current
NYC Mayors Office of Climate and Environmental Justice	Senior Program Manager, Climate Ready Infrastructure Team	2020-2023
NYC Department of Environmental Protection	Sustainability Section Chief, Bureau of Engineering, Design & Construction	2015-2020

Relevant Expertise

Erika Jozwiak will support the implementation of the Green Community Cooling/Heating Centers. Erika has almost 10 years in the sustainability and resiliency space focusing on both infrastructure and buildings related initiatives. Her role at NYSERDA is to lead clean and resilient initiatives for buildings and infrastructure both internally to the Authority and externally with agency and community partners. This work includes implementing decarbonization, energy efficiency, and electrification strategies for buildings that have multiple co-benefits, including climate resiliency and improved community preparedness. This work directly aligns with the Green Community Cooling/Heating Centers measure, and uses her skills in GHG emission reduction strategies, climate resilient design (including extreme heat and extreme cold), and partnering with vulnerable communities to identify areas of greatest need.

Erika also has specific experience with state-wide engagement on cooling centers and other preparedness efforts for extreme temperature. Erika represents NYSERDA as co-lead on a state-wide effort to develop NYS' first Extreme Heat Action Plan. Through this effort she has built expertise in implementing temperature resiliency measures most beneficial to disadvantaged communities, including improved access to cooling centers. Erika will leverage this past experience identifying and implementing community-focused energy efficiency strategies to this initiative.

Education

Franklin & Marshall College	BS	Environmental Science	2014
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ELLIE KAHN

Program Manager, Communities and Local Governments, NYSERDA

Key professional experience

NYSERDA	Program Manager, Communities and Local Governments	2023-current
City of New York, Mayor's Office of Climate & Environmental Justice	Senior Policy Advisor, Clean Energy	2017-2023
Columbia University Mailman School of Public Health	Assistant Director of Special Projects	2013-2017

Relevant Expertise

Ellie will support the coordination of all NYSERDA proposal activities and will serve a lead role in the Advanced Energy Performance Contracting measure. Ellie has over 10 years' experience in energy and environment. Her role at NYSERDA focuses on supporting local governments within New York State to harness the unique local powers in a home-rule state to increase adoption of emissions reduction strategies. Currently, she works on NYSERDA's Clean Energy Communities program, which provides technical assistance and clear pathways for local governments to address emissions from government operations as well as the greater community. Ellie will leverage the existing relationships with the over 800 local governments participating in Clean Energy Communities to implement CPRG-funded programs.

Her previous experience working on local legislation, public sector procurements, decarbonization programs, and regulatory proceedings on behalf of the largest local government in New York State, the City of New York, puts her in a prime position to implement the measures included here. For example, Ellie designed a local law requiring solar and/or green roofs on all new buildings in New York City and supported the implementation of New York City's landmark energy efficiency law, Local Law 97, which requires buildings to reduce operational emissions until eventually approaching net zero. Ellie also designed and implemented community programs, with a focus on energy equity and incorporating energy into programs with other primary objectives, such as coastal resiliency or low-income homeownership. This program and policy development required financial modeling, greenhouse gas emissions analyses, structured consultations with stakeholders, and a deep understanding of the regulatory frameworks governing the energy system in New York. In previous roles, Ellie also supported the implementation of and reporting on federal grant awards.

Education

City University of New York	Masters Certificate	Workplace Democracy and Community Ownership	2022
Columbia University School of International & Public Affairs	MPA	Environmental Policy	2017
New York University	BA	Individualized Study	2009

SALLY ROWLAND, PH.D., P.E.

Supervisor, Organics Reduction and Recycling, NYSDEC

Key professional experience

NYSDEC	Supervisor Organics Reduction and Recycling Bureau of Waste Reduction and Recycling Division of Materials Management	1985 - current
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Relevant Expertise

Sally will be responsible for implementation of the Support Organics Recycling initiative. Dr. Rowland has over thirty-five years of experience in organics recycling at NYSDEC. She is currently the supervisor of the Organics Reduction and Recycling Section within the Division of Materials Management. The Section is responsible for all aspects of organics recycling for NYSDEC which includes regulation, research, grants, outreach and education, and implementation of legislation. Sally is the principal author of the regulations governing organics recycling in New York State and has overseen multiple research projects in this area.

Sally is also responsible for the development and implementation of a grants program that provides funding to both non-profits and municipalities to increase food donation and food scraps recycling. More than 100 grants have been issued under this multi-year program. The Section oversees all aspects of the grant process including development of funding proposals, review of grant applications, contract development and processing, and payment reviews. Sally, and the other members of the Section, already possess the tools and expertise to fulfill the Support Organics initiative and will be able to quickly disperse new grant moneys to develop new organics recycling facilities in New York State.

Sally was a member of the NYSDEC team that helped to develop New York State's climate Scoping Plan and the chapter on waste management. The Scoping Plan recognizes that organics recycling is a key component to reducing the landfilling of waste that leads to the leakage of methane to the atmosphere.

Education

Rensselaer Polytechnic Institute	MS, PhD	Environmental Engineering	1992
Clarkson University	BS	Chemical Engineering	1984

JENNIFER SING-BOCK

Senior Project Manager, Energy and Climate Equity, NYSERDA

Key professional experience

NYSERDA	Energy Climate Equity Senior Project Manager	2021-Present
Columbia University Climate School	Heat Health Equity Research Assistant	2020-2021
Friends of the Earth U.S.	Senior Regional Organizer	2015-2020

Relevant Expertise

Jenny Sing-Bock will support the Green Community Cooling/Heating Centers measure and will also support NYSERDA's consultation with compensated low-income and disadvantaged community stakeholders that will inform all NYSERDA-managed CPRG activities. Jenny has over 10 years of experience in energy, community engagement, and climate hazard mitigation strategies. She is a member of team that is responsible for NYSERDA's Climate Equity Strategy, shifting investments to reduce burden and increase benefits to frontline and historically marginalized communities while designing inclusive pathways for meaningful exchange to ensure these communities are front and center in the decisions that impact their everyday lives. Jenny supports the development of equity-focused distributed solar, clean transportation, housing, utility and climate resiliency programs. She also manages several frontline community engagement efforts to ensure the development of equitable programs. Jenny has been intimately involved in the development of New York's upcoming Extreme Heat Action Plan, which promotes strategies for NYSERDA and other State agencies to incorporate heat resiliency into existing or new initiatives and protect heat-vulnerable New Yorkers in a warming climate.

Jenny has also played a leadership role in developing and launching NYSERDA's inaugural Energy Equity Collaborative Steering Committee, which is NYSERDA's first structured mechanism to consult with and compensate stakeholders that are representative of, or principally serve, disadvantaged communities for their work to address energy equity and climate justice issues and develop equitable programs that benefit and are accessible to disadvantaged communities. Jenny will leverage existing relationships with the over 100 frontline community-based organizations involved in NYSERDA various equitable engagement initiatives including the Energy Equity Collaborative, the Regional Clean Energy Hubs and the Disadvantaged Community Stakeholder Services Pool to engage frontline communities during the design and implementation of CPRG-funded programs. Her previous experience working directly with environmental justice and community-based organizations to identify community needs and partner with them to develop equity-focused climate policy solutions makes her a valuable asset to implement the measures proposed.

Education

Columbia University	MPA	Environmental Science and Policy	2021
Kenyon College	BA	Sociology and Environmental Studies	2013

MOLLY TREMBLEY, P.E.

Environmental Engineer, Organics Reduction and Recycling, NYSDEC

Key professional experience

NYSDEC	Environmental Engineer, Organics Reduction and Recycling, Division of Materials Management	2012 – current
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Relevant Expertise

Molly will support the implementation of the Support Organics Recycling initiative. Molly has nearly 12 years of experience in NYSDEC's Division of Materials Management, working on solid waste and recycling programs to advance waste diversion efforts in New York State. Her focus at DEC is on the reduction and recycling of organic wastes. Her primary responsibilities include:

- Writing and enforcing regulatory standards for organics recycling facilities (e.g., composting, anaerobic digestion, land application, etc.)
- Providing technical assistance and training to DEC's regional engineering staff
- Implementation of legislation, including the New York State Food Donation and Food Scraps Recycling Law (effective Jan. 1, 2022)
- Managing multiple municipal and not-for-profit grant programs for the diversion of food scraps from landfills (covering the entire hierarchy of food waste management from donation to recycling)
- Implementation of the ambitious organic waste diversion efforts outlined in NYS's Climate Leadership and Community Protection Act (CLCPA)
- Supporting education and outreach efforts across NYS for organics reduction and recycling (e.g., home composting, municipal food scraps drop-off programs, guidance for businesses, etc.)
- Participating in statewide initiatives and several associations related to diverting organic wastes from landfills

Molly received her Professional Engineering license in 2020. She recently served as co-leader of the Waste Advisory Panel for NYS's Climate Leadership and Community Protection Act where she led waste professionals from several sectors of the industry to develop a climate Scoping Plan to divert methane-producing wastes from landfills. Molly and her fellow organics colleagues at DEC have established productive and friendly working relationships with NYS's local governments, allowing them to make a larger impact across the state and implement new funding programs more effectively.

Education

University at Buffalo	B.S.	Environmental Engineering	2011
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KRISTINE ELLSWORTH

Assistant Environmental Engineer, Organics Reduction and Recycling, NYSDEC

Key professional experience

NYSDEC	Assistant Environmental Engineer, Organics Reduction and Recycling Section Division of Materials Management	2015 - Present
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Relevant Expertise

Kristine Ellsworth will support the Organics Recycling implementation. Kristine has worked in the Organics Reduction and Recycling (ORRS) section for the past 9 years. The ORRS section works to prevent and divert organics from disposal to beneficial uses. The section's work revolves around four main pillars – regulatory oversight of organics recycling facilities (composting, anaerobic digestion, land application, etc.), legislative advocacy and implementation, funding program development and outreach and education. Kristine has played a pivotal role in the implementation of the Food Donation and Food Scraps Recycling law, oversees contracts with our various partners including NYS Pollution Prevention Institute, Center for EcoTechnology and Feeding NYS, and is actively involved in the development and implementation of grants for non-profits and municipalities to increase food donation and food scraps recycling efforts. Kristine is responsible for reviewing reimbursement requests related to the grants that she oversees.

Kristine is an active member of the NYS Association for Reduction, Reuse and Recycling (NYSAR3) specifically with the Organics Council. Kristine also serves as one of the primary coordinators for the NYS Organics Summit. Kristine is also an active member of the United States Composting Council (USCC) and the USCC's Diversity, Equity, Inclusion and Accessibility (DEIA) committee.

Education

SUNY College of Environmental Science and Forestry	BA	Environmental Resources Engineering	2015
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LIDAC <-> DAC Comparison

Population count					
	Total NYS Population	NYS EPA LIDAC Population	NYS DAC Population	NYS DAC but not EPA LIDAC	NYS DAC Included in EPA LIDAC
Number of Blocks	16,070	6,451	4,912	1,107	3,805
Population	20,201,249	8,278,220	6,993,023	1,345,322	4,905,847

Population %					
	Total NYS Population	NYS EPA LIDAC Population	NYS DAC Population	NYS DAC excluded from EPA LIDAC	NYS DAC Included in EPA LIDAC
Number of Blocks	100%	40%	31%	23%	77%
Population	100%	41%	35%	22%	78%

Supporting Data

Tract	Block Group ID	Area Name	Population	EPA LIDAC?	NYS DAC?	EPA LIDAC City Name	NYS DAC City Name
36001000100	360010001001	Block Group 1, Census Tract 1, Albany C	944	Yes	Designated as DAC	Albany city	Albany city
36001000100	360010001002	Block Group 2, Census Tract 1, Albany C	1129	Yes	Designated as DAC	Albany city	Albany city
36001000201	360010002011	Block Group 1, Census Tract 2.01, Albar	791	Yes	Not in list		
36001000201	360010002012	Block Group 2, Census Tract 2.01, Albar	1448	Yes	Not in list		
36001000201	360010002013	Block Group 3, Census Tract 2.01, Albar	886	Yes	Not in list		
36001000202	360010002021	Block Group 1, Census Tract 2.02, Albar	1614	Yes	Not in list		
36001000202	360010002022	Block Group 2, Census Tract 2.02, Albar	984	Yes	Not in list		
36001000301	360010003011	Block Group 1, Census Tract 3.01, Albar	1662	Yes	Not in list		
36001000301	360010003012	Block Group 2, Census Tract 3.01, Albar	1528	Yes	Not in list		
36001000302	360010003021	Block Group 1, Census Tract 3.02, Albar	2317	Yes	Not in list		
36001000302	360010003022	Block Group 2, Census Tract 3.02, Albar	1179	Yes	Not in list		
36001000403	360010004031	Block Group 1, Census Tract 4.03, Albar	1380	Yes	Not Designated as DA	Albany city	
36001000404	360010004041	Block Group 1, Census Tract 4.04, Albar	5194	Yes	Not Designated as DA	Albany city	
36001000501	360010005011	Block Group 1, Census Tract 5.01, Albar	1099	Yes	Designated as DAC	Albany city	Albany city
36001000501	360010005012	Block Group 2, Census Tract 5.01, Albar	652	Yes	Designated as DAC	Albany city	Albany city
36001000501	360010005013	Block Group 3, Census Tract 5.01, Albar	666	Yes	Designated as DAC	Albany city	Albany city
36001000501	360010005014	Block Group 4, Census Tract 5.01, Albar	1023	Yes	Designated as DAC	Albany city	Albany city
36001000600	360010006001	Block Group 1, Census Tract 6, Albany C	585	Yes	Designated as DAC	Albany city	Albany city
36001000600	360010006002	Block Group 2, Census Tract 6, Albany C	1062	Yes	Designated as DAC	Albany city	Albany city
36001000600	360010006003	Block Group 3, Census Tract 6, Albany C	1853	Yes	Designated as DAC	Albany city	Albany city
36001000700	360010007001	Block Group 1, Census Tract 7, Albany C	1227	Yes	Designated as DAC	Albany city	Albany city
36001000700	360010007002	Block Group 2, Census Tract 7, Albany C	839	Yes	Designated as DAC	Albany city	Albany city
36001000700	360010007003	Block Group 3, Census Tract 7, Albany C	1134	Yes	Designated as DAC	Albany city	Albany city
36001000700	360010007004	Block Group 4, Census Tract 7, Albany C	996	Yes	Designated as DAC	Albany city	Albany city
36001000800	360010008001	Block Group 1, Census Tract 8, Albany C	700	Yes	Designated as DAC	Albany city	Albany city
36001000800	360010008002	Block Group 2, Census Tract 8, Albany C	938	Yes	Designated as DAC	Albany city	Albany city
36001000800	360010008003	Block Group 3, Census Tract 8, Albany C	578	Yes	Designated as DAC	Albany city	Albany city
36001001100	360010011001	Block Group 1, Census Tract 11, Albany C	1826	Yes	Designated as DAC	Albany city	Albany city
36001001500	360010015001	Block Group 1, Census Tract 15, Albany C	1684	Yes	Not Designated as DA	Albany city	
36001001500	360010015002	Block Group 2, Census Tract 15, Albany C	1125	Yes	Not Designated as DA	Albany city	
36001002000	360010020001	Block Group 1, Census Tract 20, Albany C	1648	Yes	Designated as DAC	Albany city	Albany city
36001002000	360010020002	Block Group 2, Census Tract 20, Albany C	1066	Yes	Designated as DAC	Albany city	Albany city
36001002000	360010020003	Block Group 3, Census Tract 20, Albany C	909	Yes	Designated as DAC	Albany city	Albany city
36001002000	360010020004	Block Group 4, Census Tract 20, Albany C	868	Yes	Designated as DAC	Albany city	Albany city
36001002000	360010020005	Block Group 5, Census Tract 20, Albany C	1469	Yes	Designated as DAC	Albany city	Albany city
36001002100	360010021001	Block Group 1, Census Tract 21, Albany C	1245	Yes	Designated as DAC	Albany city	Albany city
36001002300	360010023001	Block Group 1, Census Tract 23, Albany C	969	Yes	Designated as DAC	Albany city	Albany city
36001002300	360010023002	Block Group 2, Census Tract 23, Albany C	1178	Yes	Designated as DAC	Albany city	Albany city
36001002500	360010025001	Block Group 1, Census Tract 25, Albany C	757	Yes	Designated as DAC	Albany city	Albany city
36001002500	360010025002	Block Group 2, Census Tract 25, Albany C	669	Yes	Designated as DAC	Albany city	Albany city
36001002500	360010025003	Block Group 3, Census Tract 25, Albany C	983	Yes	Designated as DAC	Albany city	Albany city
36001002500	360010025004	Block Group 4, Census Tract 25, Albany C	799	Yes	Designated as DAC	Albany city	Albany city
36001002600	360010026001	Block Group 1, Census Tract 26, Albany C	1360	Yes	Designated as DAC	Albany city	Albany city
36001002600	360010026002	Block Group 2, Census Tract 26, Albany C	1351	Yes	Designated as DAC	Albany city	Albany city
36001002600	360010026003	Block Group 3, Census Tract 26, Albany C	1561	Yes	Designated as DAC	Albany city	Albany city
36001002600	360010026004	Block Group 4, Census Tract 26, Albany C	907	Yes	Designated as DAC	Albany city	Albany city
36001012800	360010128001	Block Group 1, Census Tract 128, Alban	774	Yes	Designated as DAC	Cohoes city	Cohoes city
36001012800	360010128002	Block Group 2, Census Tract 128, Alban	759	Yes	Designated as DAC	Cohoes city	Cohoes city
36001012800	360010128003	Block Group 3, Census Tract 128, Alban	1198	Yes	Designated as DAC	Cohoes city	Cohoes city
36001012800	360010128004	Block Group 4, Census Tract 128, Alban	1066	Yes	Designated as DAC	Cohoes city	Cohoes city
36001012900	360010129001	Block Group 1, Census Tract 129, Alban	1692	Yes	Designated as DAC	Cohoes city	Cohoes city
36001012900	360010129002	Block Group 2, Census Tract 129, Alban	1118	Yes	Designated as DAC	Cohoes city	Cohoes city
36001012900	360010129003	Block Group 3, Census Tract 129, Alban	540	Yes	Designated as DAC	Cohoes city	Cohoes city
36001012900	360010129004	Block Group 4, Census Tract 129, Alban	581	Yes	Designated as DAC	Cohoes city	Cohoes city
36001013100	360010131002	Block Group 2, Census Tract 131, Alban	840	Yes	Designated as DAC	Green Island village	Green Island village
36001013200	360010132001	Block Group 1, Census Tract 132, Alban	683	Yes	Designated as DAC	Watervliet city	Watervliet city
36001013200	360010132002	Block Group 2, Census Tract 132, Alban	987	Yes	Designated as DAC	Watervliet city	Watervliet city
36001013200	360010132003	Block Group 3, Census Tract 132, Alban	1710	Yes	Designated as DAC	Watervliet city	Watervliet city
36001013300	360010133003	Block Group 3, Census Tract 133, Alban	1464	Yes	Designated as DAC	Watervliet city	Watervliet city
36001014001	360010140011	Block Group 1, Census Tract 140.01, All	673	Yes	Not Designated as DA	Roessleville	
36001014002	360010140024	Block Group 4, Census Tract 140.02, All	883	Yes	Not Designated as DA	Roessleville	
36001014401	360010144011	Block Group 1, Census Tract 144.01, All	1160	Yes	Not Designated as DA	Ravena village	
36003940200	360039402001	Block Group 1, Census Tract 9402, Alleg	7	Yes	Designated as DAC	Multiple municipalitie	Multiple municipalities
36003950401	360039504011	Block Group 1, Census Tract 9504.01, A	1113	Yes	Not in list		
36003950401	360039504012	Block Group 2, Census Tract 9504.01, A	534	Yes	Not in list		
36003950402	360039504021	Block Group 1, Census Tract 9504.02, A	441	Yes	Not in list		
36003950402	360039504022	Block Group 2, Census Tract 9504.02, A	663	Yes	Not in list		
36003950402	360039504023	Block Group 3, Census Tract 9504.02, A	856	Yes	Not in list		
36003950600	360039506001	Block Group 1, Census Tract 9506, Alleg	628	Yes	Designated as DAC	Friendship	Friendship
36003950600	360039506002	Block Group 2, Census Tract 9506, Alleg	942	Yes	Designated as DAC	Friendship	Friendship
36003950600	360039506003	Block Group 3, Census Tract 9506, Alleg	1040	Yes	Designated as DAC	Friendship	Friendship
36003950600	360039506004	Block Group 4, Census Tract 9506, Alleg	1043	Yes	Designated as DAC	Friendship	Friendship
36003950900	360039509001	Block Group 1, Census Tract 9509, Alleg	922	Yes	Not Designated as DA	Andover village	
36003950900	360039509002	Block Group 2, Census Tract 9509, Alleg	940	Yes	Not Designated as DA	Andover village	
36003950900	360039509003	Block Group 3, Census Tract 9509, Alleg	1163	Yes	Not Designated as DA	Andover village	
36003950900	360039509004	Block Group 4, Census Tract 9509, Alleg	624	Yes	Not Designated as DA	Andover village	
36003951000	360039510001	Block Group 1, Census Tract 9510, Alleg	1135	Yes	Not Designated as DA	Stannards	
36003951000	360039510002	Block Group 2, Census Tract 9510, Alleg	1231	Yes	Not Designated as DA	Stannards	
36003951000	360039510003	Block Group 3, Census Tract 9510, Alleg	750	Yes	Not Designated as DA	Stannards	

36005043000	36005043003	Block Group 3, Census Tract 430, Bronx	898	Yes	Designated as DAC	New York city	New York city
36005043101	36005043101	Block Group 1, Census Tract 431.01, Bri	1462	Yes	Not in list		
36005043101	36005043102	Block Group 2, Census Tract 431.01, Bri	918	Yes	Not in list		
36005043101	36005043103	Block Group 3, Census Tract 431.01, Bri	1364	Yes	Not in list		
36005043101	36005043104	Block Group 4, Census Tract 431.01, Bri	1441	Yes	Not in list		
36005043102	360050431021	Block Group 1, Census Tract 431.02, Bri	2083	Yes	Not in list		
36005043102	360050431022	Block Group 2, Census Tract 431.02, Bri	842	Yes	Not in list		
36005043102	360050431023	Block Group 3, Census Tract 431.02, Bri	2125	Yes	Not in list		
36005043400	360050434004	Block Group 4, Census Tract 434, Bronx	1163	Yes	Designated as DAC	New York city	New York city
36005043501	360050435011	Block Group 1, Census Tract 435.01, Bri	1192	Yes	Not in list		
36005043502	360050435021	Block Group 1, Census Tract 435.02, Bri	2	Yes	Not in list		
36005043503	360050435031	Block Group 1, Census Tract 435.03, Bri	122	Yes	Not in list		
36005043600	360050436002	Block Group 2, Census Tract 436, Bronx	1125	Yes	Not Designated as DA	New York city	
36005044200	360050442001	Block Group 1, Census Tract 442, Bronx	776	Yes	Designated as DAC	New York city	New York city
36005044200	360050442004	Block Group 4, Census Tract 442, Bronx	829	Yes	Designated as DAC	New York city	New York city
36005044200	360050442005	Block Group 5, Census Tract 442, Bronx	682	Yes	Designated as DAC	New York city	New York city
36005044400	360050444002	Block Group 2, Census Tract 444, Bronx	887	Yes	Not Designated as DA	New York city	
36005044400	360050444003	Block Group 3, Census Tract 444, Bronx	974	Yes	Not Designated as DA	New York city	
36005044400	360050444004	Block Group 4, Census Tract 444, Bronx	1015	Yes	Not Designated as DA	New York city	
36005045800	360050458001	Block Group 1, Census Tract 458, Bronx	1559	Yes	Designated as DAC	New York city	New York city
36005045800	360050458002	Block Group 2, Census Tract 458, Bronx	1325	Yes	Designated as DAC	New York city	New York city
36005045800	360050458003	Block Group 3, Census Tract 458, Bronx	174	Yes	Designated as DAC	New York city	New York city
36005045800	360050458004	Block Group 4, Census Tract 458, Bronx	2604	Yes	Designated as DAC	New York city	New York city
36005046000	360050460001	Block Group 1, Census Tract 460, Bronx	2239	Yes	Designated as DAC	New York city	New York city
36005046000	360050460002	Block Group 2, Census Tract 460, Bronx	651	Yes	Designated as DAC	New York city	New York city
36005046203	360050462031	Block Group 1, Census Tract 462.03, Bri	2872	Yes	Not in list		
36005046203	360050462032	Block Group 2, Census Tract 462.03, Bri	1143	Yes	Not in list		
36005046203	360050462033	Block Group 3, Census Tract 462.03, Bri	2584	Yes	Not in list		
36005046205	360050462051	Block Group 1, Census Tract 462.05, Bri	804	Yes	Not in list		
36005046205	360050462054	Block Group 4, Census Tract 462.05, Bri	950	Yes	Not in list		
36005046205	360050462055	Block Group 5, Census Tract 462.05, Bri	934	Yes	Not in list		
36005046206	360050462063	Block Group 3, Census Tract 462.06, Bri	255	Yes	Not in list		
36005046207	360050462071	Block Group 1, Census Tract 462.07, Bri	815	Yes	Not in list		
36005046207	360050462072	Block Group 2, Census Tract 462.07, Bri	1467	Yes	Not in list		
36005046208	360050462081	Block Group 1, Census Tract 462.08, Bri	1113	Yes	Not in list		
36005046208	360050462082	Block Group 2, Census Tract 462.08, Bri	1240	Yes	Not in list		
36005046208	360050462083	Block Group 3, Census Tract 462.08, Bri	1658	Yes	Not in list		
36005046208	360050462084	Block Group 4, Census Tract 462.08, Bri	1144	Yes	Not in list		
36005046209	360050462091	Block Group 1, Census Tract 462.09, Bri	1009	Yes	Not in list		
36005046209	360050462092	Block Group 2, Census Tract 462.09, Bri	1197	Yes	Not in list		
36005046209	360050462093	Block Group 3, Census Tract 462.09, Bri	1501	Yes	Not in list		
36005048401	360050484012	Block Group 2, Census Tract 484.01, Bri	859	Yes	Not in list		
36007000100	360070001001	Block Group 1, Census Tract 1, Broome	840	Yes	Designated as DAC	Binghamton city	Binghamton city
36007000100	360070001002	Block Group 2, Census Tract 1, Broome	683	Yes	Designated as DAC	Binghamton city	Binghamton city
36007000100	360070001003	Block Group 3, Census Tract 1, Broome	759	Yes	Designated as DAC	Binghamton city	Binghamton city
36007000100	360070001004	Block Group 4, Census Tract 1, Broome	898	Yes	Designated as DAC	Binghamton city	Binghamton city
36007000200	360070002001	Block Group 1, Census Tract 2, Broome	1152	Yes	Designated as DAC	Binghamton city	Binghamton city
36007000200	360070002002	Block Group 2, Census Tract 2, Broome	801	Yes	Designated as DAC	Binghamton city	Binghamton city
36007000200	360070002003	Block Group 3, Census Tract 2, Broome	1294	Yes	Designated as DAC	Binghamton city	Binghamton city
36007000300	360070003001	Block Group 1, Census Tract 3, Broome	857	Yes	Designated as DAC	Binghamton city	Binghamton city
36007000300	360070003002	Block Group 2, Census Tract 3, Broome	831	Yes	Designated as DAC	Binghamton city	Binghamton city
36007000300	360070003003	Block Group 3, Census Tract 3, Broome	1101	Yes	Designated as DAC	Binghamton city	Binghamton city
36007000400	360070004001	Block Group 1, Census Tract 4, Broome	1026	Yes	Designated as DAC	Binghamton city	Binghamton city
36007000400	360070004002	Block Group 2, Census Tract 4, Broome	1218	Yes	Designated as DAC	Binghamton city	Binghamton city
36007000500	360070005001	Block Group 1, Census Tract 5, Broome	970	Yes	Designated as DAC	Binghamton city	Binghamton city
36007000500	360070005002	Block Group 2, Census Tract 5, Broome	529	Yes	Designated as DAC	Binghamton city	Binghamton city
36007000500	360070005003	Block Group 3, Census Tract 5, Broome	462	Yes	Designated as DAC	Binghamton city	Binghamton city
36007000600	360070006001	Block Group 1, Census Tract 6, Broome	734	Yes	Designated as DAC	Binghamton city	Binghamton city
36007000600	360070006002	Block Group 2, Census Tract 6, Broome	659	Yes	Designated as DAC	Binghamton city	Binghamton city
36007000600	360070006003	Block Group 3, Census Tract 6, Broome	859	Yes	Designated as DAC	Binghamton city	Binghamton city
36007000700	360070007001	Block Group 1, Census Tract 7, Broome	1280	Yes	Designated as DAC	Binghamton city	Binghamton city
36007000700	360070007002	Block Group 2, Census Tract 7, Broome	767	Yes	Designated as DAC	Binghamton city	Binghamton city
36007000700	360070007003	Block Group 3, Census Tract 7, Broome	809	Yes	Designated as DAC	Binghamton city	Binghamton city
36007000700	360070007004	Block Group 4, Census Tract 7, Broome	645	Yes	Designated as DAC	Binghamton city	Binghamton city
36007000900	360070009001	Block Group 1, Census Tract 9, Broome	1084	Yes	Designated as DAC	Binghamton city	Binghamton city
36007000900	360070009002	Block Group 2, Census Tract 9, Broome	633	Yes	Designated as DAC	Binghamton city	Binghamton city
36007001100	360070011001	Block Group 1, Census Tract 11, Broome	631	Yes	Designated as DAC	Binghamton city	Binghamton city
36007001100	360070011002	Block Group 2, Census Tract 11, Broome	1516	Yes	Designated as DAC	Binghamton city	Binghamton city
36007001200	360070012001	Block Group 1, Census Tract 12, Broome	594	Yes	Designated as DAC	Binghamton city	Binghamton city
36007001200	360070012002	Block Group 2, Census Tract 12, Broome	1203	Yes	Designated as DAC	Binghamton city	Binghamton city
36007001300	360070013001	Block Group 1, Census Tract 13, Broome	1179	Yes	Designated as DAC	Binghamton city	Binghamton city
36007001300	360070013002	Block Group 2, Census Tract 13, Broome	565	Yes	Designated as DAC	Binghamton city	Binghamton city
36007001300	360070013003	Block Group 3, Census Tract 13, Broome	706	Yes	Designated as DAC	Binghamton city	Binghamton city
36007001300	360070013004	Block Group 4, Census Tract 13, Broome	482	Yes	Designated as DAC	Binghamton city	Binghamton city
36007001401	360070014012	Block Group 2, Census Tract 14.01, Bro	899	Yes	Not in list		
36007001401	360070014013	Block Group 3, Census Tract 14.01, Bro	739	Yes	Not in list		
36007001402	360070014022	Block Group 2, Census Tract 14.02, Bro	763	Yes	Not in list		
36007001402	360070014023	Block Group 3, Census Tract 14.02, Bro	934	Yes	Not in list		
36007001700	360070017001	Block Group 1, Census Tract 17, Broome	1012	Yes	Not Designated as DA	Binghamton city	
36007001700	360070017002	Block Group 2, Census Tract 17, Broome	624	Yes	Not Designated as DA	Binghamton city	
36007001700	360070017003	Block Group 3, Census Tract 17, Broome	879	Yes	Not Designated as DA	Binghamton city	
36007001700	360070017004	Block Group 4, Census Tract 17, Broome	943	Yes	Not Designated as DA	Binghamton city	
36007001700	360070017005	Block Group 5, Census Tract 17, Broome	632	Yes	Not Designated as DA	Binghamton city	
36007001800	360070018001	Block Group 1, Census Tract 18, Broome	795	Yes	Designated as DAC	Binghamton city	Binghamton city
36007001800	360070018002	Block Group 2, Census Tract 18, Broome	953	Yes	Designated as DAC	Binghamton city	Binghamton city
36007001800	360070018003	Block Group 3, Census Tract 18, Broome	616	Yes	Designated as DAC	Binghamton city	Binghamton city
36007001800	360070018004	Block Group 4, Census Tract 18, Broome	732	Yes	Designated as DAC	Binghamton city	Binghamton city
36007001800	360070018005	Block Group 5, Census Tract 18, Broome	996	Yes	Designated as DAC	Binghamton city	Binghamton city
36007011901	360070119013	Block Group 3, Census Tract 119.01, Bri	654	Yes	Not Designated as DA	Whitney Point village	
36007012300	360070123001	Block Group 1, Census Tract 123, Broome	1338	Yes	Not Designated as DA	Multiple municipalitie	
36007012300	360070123002	Block Group 2, Census Tract 123, Broome	1464	Yes	Not Designated as DA	Multiple municipalitie	
36007012300	360070123003	Block Group 3, Census Tract 123, Broome	779	Yes	Not Designated as DA	Multiple municipalitie	
36007012300	360070123004	Block Group 4, Census Tract 123, Broome	1287	Yes	Not Designated as DA	Multiple municipalitie	

36007012400	360070124001	Block Group 1, Census Tract 124, Broo	499	Yes	Not Designated as DA Deposit village		
36007012400	360070124002	Block Group 2, Census Tract 124, Broo	1031	Yes	Not Designated as DA Deposit village		
36007012400	360070124003	Block Group 3, Census Tract 124, Broo	709	Yes	Not Designated as DA Deposit village		
36007012600	360070126005	Block Group 5, Census Tract 126, Broo	770	Yes	Designated as DAC	Multiple municipalitie	Multiple municipalities
36007012701	360070127014	Block Group 4, Census Tract 127.01, Bri	977	Yes	Not Designated as DA Multiple municipalit		
36007013304	360070133044	Block Group 4, Census Tract 133.04, Bri	1178	Yes	Not Designated as DA Endwell		
36007013400	360070134001	Block Group 1, Census Tract 134, Broo	623	Yes	Not Designated as DA Endicott village		
36007013400	360070134002	Block Group 2, Census Tract 134, Broo	1367	Yes	Not Designated as DA Endicott village		
36007013400	360070134003	Block Group 3, Census Tract 134, Broo	1131	Yes	Not Designated as DA Endicott village		
36007013400	360070134004	Block Group 4, Census Tract 134, Broo	1378	Yes	Not Designated as DA Endicott village		
36007013500	360070135001	Block Group 1, Census Tract 135, Broo	557	Yes	Designated as DAC	Endicott village	Endicott village
36007013500	360070135002	Block Group 2, Census Tract 135, Broo	629	Yes	Designated as DAC	Endicott village	Endicott village
36007013500	360070135003	Block Group 3, Census Tract 135, Broo	802	Yes	Designated as DAC	Endicott village	Endicott village
36007013600	360070136001	Block Group 1, Census Tract 136, Broo	804	Yes	Designated as DAC	Endicott village	Endicott village
36007013600	360070136002	Block Group 2, Census Tract 136, Broo	688	Yes	Designated as DAC	Endicott village	Endicott village
36007013600	360070136003	Block Group 3, Census Tract 136, Broo	1240	Yes	Designated as DAC	Endicott village	Endicott village
36007013600	360070136004	Block Group 4, Census Tract 136, Broo	573	Yes	Designated as DAC	Endicott village	Endicott village
36007013600	360070136005	Block Group 5, Census Tract 136, Broo	623	Yes	Designated as DAC	Endicott village	Endicott village
36007013700	360070137001	Block Group 1, Census Tract 137, Broo	990	Yes	Designated as DAC	Endicott village	Endicott village
36007013700	360070137002	Block Group 2, Census Tract 137, Broo	686	Yes	Designated as DAC	Endicott village	Endicott village
36007013700	360070137003	Block Group 3, Census Tract 137, Broo	1576	Yes	Designated as DAC	Endicott village	Endicott village
36007013900	360070139001	Block Group 1, Census Tract 139, Broo	424	Yes	Designated as DAC	Johnson City village	Johnson City village
36007013900	360070139002	Block Group 2, Census Tract 139, Broo	935	Yes	Designated as DAC	Johnson City village	Johnson City village
36007013900	360070139003	Block Group 3, Census Tract 139, Broo	633	Yes	Designated as DAC	Johnson City village	Johnson City village
36007014000	360070140001	Block Group 1, Census Tract 140, Broo	960	Yes	Designated as DAC	Johnson City village	Johnson City village
36007014000	360070140002	Block Group 2, Census Tract 140, Broo	908	Yes	Designated as DAC	Johnson City village	Johnson City village
36007014000	360070140003	Block Group 3, Census Tract 140, Broo	1313	Yes	Designated as DAC	Johnson City village	Johnson City village
36007014100	360070141003	Block Group 3, Census Tract 141, Broo	1016	Yes	Not Designated as DA Johnson City villag		
36007014100	360070141004	Block Group 4, Census Tract 141, Broo	797	Yes	Not Designated as DA Johnson City villag		
36007014200	360070142003	Block Group 3, Census Tract 142, Broo	1019	Yes	Not Designated as DA Johnson City villag		
36007014301	360070143013	Block Group 3, Census Tract 143.01, Bri	877	Yes	Not Designated as DA Multiple municipalit		
36007014301	360070143014	Block Group 4, Census Tract 143.01, Bri	887	Yes	Not Designated as DA Multiple municipalit		
36007014302	360070143021	Block Group 1, Census Tract 143.02, Bri	2538	Yes	Not Designated as DA Binghamton Universit		
36007014400	360070144004	Block Group 4, Census Tract 144, Broo	967	Yes	Not Designated as DA Multiple municipalit		
36009940000	360099400001	Block Group 1, Census Tract 9400, Catt	274	Yes	Designated as DAC	Multiple municipalitie	Multiple municipalities
36009940000	360099400002	Block Group 2, Census Tract 9400, Catt	224	Yes	Designated as DAC	Multiple municipalitie	Multiple municipalities
36009940200	360099402001	Block Group 1, Census Tract 9402, Catt	13	Yes	Designated as DAC	Multiple municipalitie	Multiple municipalities
36009940301	360099403011	Block Group 1, Census Tract 9403.01, C	945	Yes	Not in list		
36009940301	360099403012	Block Group 2, Census Tract 9403.01, C	1476	Yes	Not in list		
36009940301	360099403013	Block Group 3, Census Tract 9403.01, C	715	Yes	Not in list		
36009940302	360099403021	Block Group 1, Census Tract 9403.02, C	1340	Yes	Not in list		
36009940302	360099403022	Block Group 2, Census Tract 9403.02, C	1604	Yes	Not in list		
36009940302	360099403023	Block Group 3, Census Tract 9403.02, C	584	Yes	Not in list		
36009960100	360099601001	Block Group 1, Census Tract 9601, Catt	1076	Yes	Not Designated as DA Lime Lake		
36009960100	360099601002	Block Group 2, Census Tract 9601, Catt	1537	Yes	Not Designated as DA Lime Lake		
36009960100	360099601003	Block Group 3, Census Tract 9601, Catt	802	Yes	Not Designated as DA Lime Lake		
36009960200	360099602001	Block Group 1, Census Tract 9602, Catt	910	Yes	Not Designated as DA Lime Lake		
36009960200	360099602002	Block Group 2, Census Tract 9602, Catt	1176	Yes	Not Designated as DA Lime Lake		
36009960200	360099602003	Block Group 3, Census Tract 9602, Catt	1149	Yes	Not Designated as DA Lime Lake		
36009960200	360099602004	Block Group 4, Census Tract 9602, Catt	1192	Yes	Not Designated as DA Lime Lake		
36009960500	360099605001	Block Group 1, Census Tract 9605, Catt	541	Yes	Not Designated as DA Cattaraugus village		
36009960500	360099605002	Block Group 2, Census Tract 9605, Catt	889	Yes	Not Designated as DA Cattaraugus village		
36009960500	360099605003	Block Group 3, Census Tract 9605, Catt	1786	Yes	Not Designated as DA Cattaraugus village		
36009960500	360099605004	Block Group 4, Census Tract 9605, Catt	661	Yes	Not Designated as DA Cattaraugus village		
36009960500	360099605005	Block Group 5, Census Tract 9605, Catt	982	Yes	Not Designated as DA Cattaraugus village		
36009960600	360099606001	Block Group 1, Census Tract 9606, Catt	968	Yes	Not Designated as DA Little Valley village		
36009960600	360099606002	Block Group 2, Census Tract 9606, Catt	627	Yes	Not Designated as DA Little Valley village		
36009960600	360099606003	Block Group 3, Census Tract 9606, Catt	909	Yes	Not Designated as DA Little Valley village		
36009960600	360099606004	Block Group 4, Census Tract 9606, Catt	868	Yes	Not Designated as DA Little Valley village		
36009960800	360099608001	Block Group 1, Census Tract 9608, Catt	1917	Yes	Designated as DAC	Franklinville village	Franklinville village
36009960800	360099608002	Block Group 2, Census Tract 9608, Catt	619	Yes	Designated as DAC	Franklinville village	Franklinville village
36009960800	360099608003	Block Group 3, Census Tract 9608, Catt	569	Yes	Designated as DAC	Franklinville village	Franklinville village
36009960800	360099608004	Block Group 4, Census Tract 9608, Catt	1015	Yes	Designated as DAC	Franklinville village	Franklinville village
36009961200	360099612001	Block Group 1, Census Tract 9612, Catt	1166	Yes	Not Designated as DA Weston Mills		
36009961200	360099612002	Block Group 2, Census Tract 9612, Catt	853	Yes	Not Designated as DA Weston Mills		
36009961200	360099612003	Block Group 3, Census Tract 9612, Catt	821	Yes	Not Designated as DA Weston Mills		
36009961200	360099612004	Block Group 4, Census Tract 9612, Catt	586	Yes	Not Designated as DA Weston Mills		
36009961400	360099614001	Block Group 1, Census Tract 9614, Catt	1040	Yes	Not Designated as DA Randolph		
36009961400	360099614002	Block Group 2, Census Tract 9614, Catt	1243	Yes	Not Designated as DA Randolph		
36009961400	360099614003	Block Group 3, Census Tract 9614, Catt	1154	Yes	Not Designated as DA Randolph		
36009961400	360099614004	Block Group 4, Census Tract 9614, Catt	1565	Yes	Not Designated as DA Randolph		
36009961500	360099615002	Block Group 2, Census Tract 9615, Catt	1089	Yes	Not Designated as DA Olean city		
36009961600	360099616001	Block Group 1, Census Tract 9616, Catt	793	Yes	Not Designated as DA Olean city		
36009961600	360099616002	Block Group 2, Census Tract 9616, Catt	676	Yes	Not Designated as DA Olean city		
36009961600	360099616003	Block Group 3, Census Tract 9616, Catt	1502	Yes	Not Designated as DA Olean city		
36009961600	360099616004	Block Group 4, Census Tract 9616, Catt	781	Yes	Not Designated as DA Olean city		
36009961700	360099617001	Block Group 1, Census Tract 9617, Catt	1231	Yes	Designated as DAC	Olean city	Olean city
36009961700	360099617002	Block Group 2, Census Tract 9617, Catt	1041	Yes	Designated as DAC	Olean city	Olean city
36009961700	360099617003	Block Group 3, Census Tract 9617, Catt	1282	Yes	Designated as DAC	Olean city	Olean city
36009961800	360099618002	Block Group 2, Census Tract 9618, Catt	813	Yes	Not Designated as DA Olean city		
36009962200	360099622001	Block Group 1, Census Tract 9622, Catt	499	Yes	Not Designated as DA Multiple municipalitie		
36009962200	360099622002	Block Group 2, Census Tract 9622, Catt	666	Yes	Not Designated as DA Multiple municipalitie		
36009962200	360099622003	Block Group 3, Census Tract 9622, Catt	1015	Yes	Not Designated as DA Multiple municipalitie		
36009962200	360099622004	Block Group 4, Census Tract 9622, Catt	592	Yes	Not Designated as DA Multiple municipalitie		
36011040101	360110401011	Block Group 1, Census Tract 401.01, Ca	912	Yes	Not in list		
36011040101	360110401012	Block Group 2, Census Tract 401.01, Ca	738	Yes	Not in list		
36011040102	360110401021	Block Group 1, Census Tract 401.02, Ca	1044	Yes	Not in list		
36011040102	360110401022	Block Group 2, Census Tract 401.02, Ca	1225	Yes	Not in list		
36011040102	360110401023	Block Group 3, Census Tract 401.02, Ca	954	Yes	Not in list		
36011041300	360110413001	Block Group 1, Census Tract 413, Cayug	821	Yes	Designated as DAC	Auburn city	Auburn city
36011041300	360110413002	Block Group 2, Census Tract 413, Cayug	1173	Yes	Designated as DAC	Auburn city	Auburn city
36011041300	360110413003	Block Group 3, Census Tract 413, Cayug	617	Yes	Designated as DAC	Auburn city	Auburn city
36011041300	360110413004	Block Group 4, Census Tract 413, Cayug	639	Yes	Designated as DAC	Auburn city	Auburn city

36015001000	360150010001	Block Group 1, Census Tract 10, Chemu	648	Yes	Designated as DAC	Elmira city	Elmira city
36015001000	360150010002	Block Group 2, Census Tract 10, Chemu	1079	Yes	Designated as DAC	Elmira city	Elmira city
36015001000	360150010003	Block Group 3, Census Tract 10, Chemu	1043	Yes	Designated as DAC	Elmira city	Elmira city
36015001100	360150011001	Block Group 1, Census Tract 11, Chemu	978	Yes	Not Designated as DA	Elmira city	
36015001100	360150011002	Block Group 2, Census Tract 11, Chemu	888	Yes	Not Designated as DA	Elmira city	
36015001100	360150011003	Block Group 3, Census Tract 11, Chemu	908	Yes	Not Designated as DA	Elmira city	
36015001100	360150011004	Block Group 4, Census Tract 11, Chemu	580	Yes	Not Designated as DA	Elmira city	
36015010500	360150105001	Block Group 1, Census Tract 105, Chem	551	Yes	Designated as DAC	Horseheads village	Horseheads village
36015010500	360150105002	Block Group 2, Census Tract 105, Chem	1324	Yes	Designated as DAC	Horseheads village	Horseheads village
36015010500	360150105003	Block Group 3, Census Tract 105, Chem	1134	Yes	Designated as DAC	Horseheads village	Horseheads village
36015010600	360150106002	Block Group 2, Census Tract 106, Chem	1067	Yes	Not Designated as DA	Elmira Heights village	
36015010800	360150108001	Block Group 1, Census Tract 108, Chem	700	Yes	Designated as DAC	Elmira Heights village	Elmira Heights village
36015010800	360150108002	Block Group 2, Census Tract 108, Chem	850	Yes	Designated as DAC	Elmira Heights village	Elmira Heights village
36015010800	360150108003	Block Group 3, Census Tract 108, Chem	601	Yes	Designated as DAC	Elmira Heights village	Elmira Heights village
36015010800	360150108004	Block Group 4, Census Tract 108, Chem	551	Yes	Designated as DAC	Elmira Heights village	Elmira Heights village
36015010800	360150108005	Block Group 5, Census Tract 108, Chem	811	Yes	Designated as DAC	Elmira Heights village	Elmira Heights village
36015011101	360150111011	Block Group 1, Census Tract 111.01, Ch	1536	Yes	Not in list		
36015011101	360150111012	Block Group 2, Census Tract 111.01, Ch	1398	Yes	Not in list		
36015011102	360150111021	Block Group 1, Census Tract 111.02, Ch	773	Yes	Not in list		
36015011102	360150111022	Block Group 2, Census Tract 111.02, Ch	886	Yes	Not in list		
36015011102	360150111023	Block Group 3, Census Tract 111.02, Ch	1012	Yes	Not in list		
36015011102	360150111024	Block Group 4, Census Tract 111.02, Ch	1156	Yes	Not in list		
36017970101	360179701011	Block Group 1, Census Tract 9701.01, C	504	Yes	Not in list		
36017970101	360179701012	Block Group 2, Census Tract 9701.01, C	1620	Yes	Not in list		
36017970101	360179701013	Block Group 3, Census Tract 9701.01, C	897	Yes	Not in list		
36017970102	360179701021	Block Group 1, Census Tract 9701.02, C	1348	Yes	Not in list		
36017970102	360179701022	Block Group 2, Census Tract 9701.02, C	1528	Yes	Not in list		
36017970201	360179702011	Block Group 1, Census Tract 9702.01, C	658	Yes	Not in list		
36017970201	360179702012	Block Group 2, Census Tract 9702.01, C	671	Yes	Not in list		
36017970201	360179702013	Block Group 3, Census Tract 9702.01, C	539	Yes	Not in list		
36017970202	360179702021	Block Group 1, Census Tract 9702.02, C	609	Yes	Not in list		
36017970202	360179702022	Block Group 2, Census Tract 9702.02, C	957	Yes	Not in list		
36017970202	360179702023	Block Group 3, Census Tract 9702.02, C	597	Yes	Not in list		
36017970300	360179703001	Block Group 1, Census Tract 9703, Cher	759	Yes	Not Designated as DA	Norwich city	
36017970300	360179703002	Block Group 2, Census Tract 9703, Cher	641	Yes	Not Designated as DA	Norwich city	
36017970300	360179703003	Block Group 3, Census Tract 9703, Cher	744	Yes	Not Designated as DA	Norwich city	
36017970300	360179703004	Block Group 4, Census Tract 9703, Cher	609	Yes	Not Designated as DA	Norwich city	
36017970300	360179703005	Block Group 5, Census Tract 9703, Cher	1179	Yes	Not Designated as DA	Norwich city	
36017970400	360179704001	Block Group 1, Census Tract 9704, Cher	514	Yes	Designated as DAC	Norwich city	Norwich city
36017970400	360179704002	Block Group 2, Census Tract 9704, Cher	891	Yes	Designated as DAC	Norwich city	Norwich city
36017970400	360179704003	Block Group 3, Census Tract 9704, Cher	891	Yes	Designated as DAC	Norwich city	Norwich city
36017970400	360179704004	Block Group 4, Census Tract 9704, Cher	823	Yes	Designated as DAC	Norwich city	Norwich city
36017970602	360179706021	Block Group 1, Census Tract 9706.02, C	1161	Yes	Not Designated as DA	Oxford village	
36017970602	360179706022	Block Group 2, Census Tract 9706.02, C	842	Yes	Not Designated as DA	Oxford village	
36017970602	360179706023	Block Group 3, Census Tract 9706.02, C	811	Yes	Not Designated as DA	Oxford village	
36017970602	360179706024	Block Group 4, Census Tract 9706.02, C	740	Yes	Not Designated as DA	Oxford village	
36017970700	360179707001	Block Group 1, Census Tract 9707, Cher	550	Yes	Not Designated as DA	Oxford village	
36017970700	360179707002	Block Group 2, Census Tract 9707, Cher	643	Yes	Not Designated as DA	Oxford village	
36017970700	360179707003	Block Group 3, Census Tract 9707, Cher	1021	Yes	Not Designated as DA	Oxford village	
36019100101	360191001011	Block Group 1, Census Tract 1001.01, C	945	Yes	Not in list		
36019100101	360191001012	Block Group 2, Census Tract 1001.01, C	730	Yes	Not in list		
36019100101	360191001013	Block Group 3, Census Tract 1001.01, C	989	Yes	Not in list		
36019100102	360191001021	Block Group 1, Census Tract 1001.02, C	825	Yes	Not in list		
36019100102	360191001022	Block Group 2, Census Tract 1001.02, C	732	Yes	Not in list		
36019100102	360191001023	Block Group 3, Census Tract 1001.02, C	1524	Yes	Not in list		
36019100901	360191009011	Block Group 1, Census Tract 1009.01, C	998	Yes	Not in list		
36019100901	360191009012	Block Group 2, Census Tract 1009.01, C	1028	Yes	Not in list		
36019100901	360191009013	Block Group 3, Census Tract 1009.01, C	838	Yes	Not in list		
36019100902	360191009021	Block Group 1, Census Tract 1009.02, C	1176	Yes	Not in list		
36019100902	360191009022	Block Group 2, Census Tract 1009.02, C	902	Yes	Not in list		
36019101600	360191016001	Block Group 1, Census Tract 1016, Clint	1623	Yes	Not Designated as DA	Plattsburgh West	
36019102100	360191021002	Block Group 2, Census Tract 1021, Clint	1048	Yes	Designated as DAC	Parc	Parc
36019102200	360191022001	Block Group 1, Census Tract 1022, Clint	513	Yes	Designated as DAC	Plattsburgh city	Plattsburgh city
36019102200	360191022002	Block Group 2, Census Tract 1022, Clint	910	Yes	Designated as DAC	Plattsburgh city	Plattsburgh city
36019102200	360191022003	Block Group 3, Census Tract 1022, Clint	993	Yes	Designated as DAC	Plattsburgh city	Plattsburgh city
36019102200	360191022004	Block Group 4, Census Tract 1022, Clint	783	Yes	Designated as DAC	Plattsburgh city	Plattsburgh city
36019103100	360191031001	Block Group 1, Census Tract 1031, Clint	743	Yes	Not in list		
36019103100	360191031002	Block Group 2, Census Tract 1031, Clint	980	Yes	Not in list		
36019103100	360191031003	Block Group 3, Census Tract 1031, Clint	1118	Yes	Not in list		
36019103512	360191035121	Block Group 1, Census Tract 1035.12, C	670	Yes	Not in list		
36019103512	360191035123	Block Group 3, Census Tract 1035.12, C	689	Yes	Not in list		
36019104200	360191042001	Block Group 1, Census Tract 1042, Clint	1225	Yes	Not in list		
36019104200	360191042002	Block Group 2, Census Tract 1042, Clint	1060	Yes	Not in list		
36019104200	360191042003	Block Group 3, Census Tract 1042, Clint	1182	Yes	Not in list		
36019104200	360191042004	Block Group 4, Census Tract 1042, Clint	1368	Yes	Not in list		
36019104200	360191042005	Block Group 5, Census Tract 1042, Clint	1081	Yes	Not in list		
36021001200	360210012001	Block Group 1, Census Tract 12, Colum	1219	Yes	Designated as DAC	Hudson city	Hudson city
36021001200	360210012002	Block Group 2, Census Tract 12, Colum	579	Yes	Designated as DAC	Hudson city	Hudson city
36021001200	360210012003	Block Group 3, Census Tract 12, Colum	647	Yes	Designated as DAC	Hudson city	Hudson city
36021001200	360210012004	Block Group 4, Census Tract 12, Colum	723	Yes	Designated as DAC	Hudson city	Hudson city
36021001300	360210013002	Block Group 2, Census Tract 13, Colum	384	Yes	Designated as DAC	Hudson city	Hudson city
36023970500	360239705001	Block Group 1, Census Tract 9705, Cort	1339	Yes	Designated as DAC	Cortland city	Cortland city
36023970500	360239705002	Block Group 2, Census Tract 9705, Cort	843	Yes	Designated as DAC	Cortland city	Cortland city
36023970500	360239705003	Block Group 3, Census Tract 9705, Cort	692	Yes	Designated as DAC	Cortland city	Cortland city
36023970500	360239705004	Block Group 4, Census Tract 9705, Cort	782	Yes	Designated as DAC	Cortland city	Cortland city
36023970600	360239706001	Block Group 1, Census Tract 9706, Cort	1013	Yes	Designated as DAC	Cortland city	Cortland city
36023970600	360239706002	Block Group 2, Census Tract 9706, Cort	840	Yes	Designated as DAC	Cortland city	Cortland city
36023970600	360239706003	Block Group 3, Census Tract 9706, Cort	620	Yes	Designated as DAC	Cortland city	Cortland city
36023970600	360239706004	Block Group 4, Census Tract 9706, Cort	576	Yes	Designated as DAC	Cortland city	Cortland city
36023970700	360239707005	Block Group 5, Census Tract 9707, Cort	587	Yes	Not Designated as DA	Cortland city	
36023970900	360239709001	Block Group 1, Census Tract 9709, Cort	1499	Yes	Designated as DAC	Cortland city	Cortland city
36023970900	360239709002	Block Group 2, Census Tract 9709, Cort	1002	Yes	Designated as DAC	Cortland city	Cortland city
36023970900	360239709003	Block Group 3, Census Tract 9709, Cort	861	Yes	Designated as DAC	Cortland city	Cortland city

36025970101	360259701011	Block Group 1, Census Tract 9701.01, D	761	Yes	Not in list		
36025970101	360259701012	Block Group 2, Census Tract 9701.01, D	681	Yes	Not in list		
36025970102	360259701021	Block Group 1, Census Tract 9701.02, D	1244	Yes	Not in list		
36025970102	360259701022	Block Group 2, Census Tract 9701.02, D	1711	Yes	Not in list		
36025970401	360259704011	Block Group 1, Census Tract 9704.01, D	844	Yes	Not in list		
36025970401	360259704012	Block Group 2, Census Tract 9704.01, D	985	Yes	Not in list		
36025970402	360259704021	Block Group 1, Census Tract 9704.02, D	898	Yes	Not in list		
36025970402	360259704022	Block Group 2, Census Tract 9704.02, D	703	Yes	Not in list		
36025970402	360259704023	Block Group 3, Census Tract 9704.02, D	766	Yes	Not in list		
36025970402	360259704024	Block Group 4, Census Tract 9704.02, D	817	Yes	Not in list		
36025970402	360259704025	Block Group 5, Census Tract 9704.02, D	523	Yes	Not in list		
36025970601	360259706011	Block Group 1, Census Tract 9706.01, D	891	Yes	Not in list		
36025970601	360259706012	Block Group 2, Census Tract 9706.01, D	558	Yes	Not in list		
36025970601	360259706013	Block Group 3, Census Tract 9706.01, D	949	Yes	Not in list		
36025970602	360259706021	Block Group 1, Census Tract 9706.02, D	939	Yes	Not in list		
36025970602	360259706022	Block Group 2, Census Tract 9706.02, D	1260	Yes	Not in list		
36025970602	360259706023	Block Group 3, Census Tract 9706.02, D	673	Yes	Not in list		
36025971200	360259712001	Block Group 1, Census Tract 9712, Dela	841	Yes	Not Designated as DA Margaretville village		
36025971200	360259712002	Block Group 2, Census Tract 9712, Dela	774	Yes	Not Designated as DA Margaretville village		
36025971200	360259712003	Block Group 3, Census Tract 9712, Dela	571	Yes	Not Designated as DA Margaretville village		
36025971200	360259712004	Block Group 4, Census Tract 9712, Dela	629	Yes	Not Designated as DA Margaretville village		
36025971200	360259712005	Block Group 5, Census Tract 9712, Dela	521	Yes	Not Designated as DA Margaretville village		
36027010000	360270100001	Block Group 1, Census Tract 100, Dutch	727	Yes	Designated as DAC	Amenia	Amenia
36027010000	360270100002	Block Group 2, Census Tract 100, Dutch	1137	Yes	Designated as DAC	Amenia	Amenia
36027010000	360270100003	Block Group 3, Census Tract 100, Dutch	1145	Yes	Designated as DAC	Amenia	Amenia
36027010000	360270100004	Block Group 4, Census Tract 100, Dutch	760	Yes	Designated as DAC	Amenia	Amenia
36027040001	360270400014	Block Group 4, Census Tract 400.01, Du	955	Yes	Not Designated as DA Dover Plains		
36027060100	360270601005	Block Group 5, Census Tract 601, Dutch	1101	Yes	Designated as DAC	Multiple municipalitie	Multiple municipalities
36027070201	360270702012	Block Group 2, Census Tract 702.01, Du	713	Yes	Designated as DAC	Hyde Park	Hyde Park
36027070201	360270702013	Block Group 3, Census Tract 702.01, Du	753	Yes	Designated as DAC	Hyde Park	Hyde Park
36027140101	360271401014	Block Group 4, Census Tract 1401.01, D	963	Yes	Designated as DAC	Fairview	Fairview
36027210101	360272101014	Block Group 4, Census Tract 2101.01, D	887	Yes	Designated as DAC	Beacon city	Beacon city
36027220101	360272201011	Block Group 1, Census Tract 2201.01, D	1278	Yes	Not in list		
36027220101	360272201012	Block Group 2, Census Tract 2201.01, D	695	Yes	Not in list		
36027220101	360272201013	Block Group 3, Census Tract 2201.01, D	1144	Yes	Not in list		
36027220101	360272201014	Block Group 4, Census Tract 2201.01, D	928	Yes	Not in list		
36027220102	360272201021	Block Group 1, Census Tract 2201.02, D	638	Yes	Not in list		
36027220102	360272201022	Block Group 2, Census Tract 2201.02, D	218	Yes	Not in list		
36027220201	360272202011	Block Group 1, Census Tract 2202.01, D	814	Yes	Designated as DAC	Poughkeepsie city	Poughkeepsie city
36027220201	360272202012	Block Group 2, Census Tract 2202.01, D	678	Yes	Designated as DAC	Poughkeepsie city	Poughkeepsie city
36027220201	360272202013	Block Group 3, Census Tract 2202.01, D	921	Yes	Designated as DAC	Poughkeepsie city	Poughkeepsie city
36027220201	360272202014	Block Group 4, Census Tract 2202.01, D	1011	Yes	Designated as DAC	Poughkeepsie city	Poughkeepsie city
36027220300	360272203001	Block Group 1, Census Tract 2203, Dutc	1467	Yes	Designated as DAC	Poughkeepsie city	Poughkeepsie city
36027220300	360272203002	Block Group 2, Census Tract 2203, Dutc	1394	Yes	Designated as DAC	Poughkeepsie city	Poughkeepsie city
36027220300	360272203003	Block Group 3, Census Tract 2203, Dutc	1192	Yes	Designated as DAC	Poughkeepsie city	Poughkeepsie city
36027220300	360272203004	Block Group 4, Census Tract 2203, Dutc	885	Yes	Designated as DAC	Poughkeepsie city	Poughkeepsie city
36027220700	360272207001	Block Group 1, Census Tract 2207, Dutc	891	Yes	Designated as DAC	Poughkeepsie city	Poughkeepsie city
36027220700	360272207002	Block Group 2, Census Tract 2207, Dutc	709	Yes	Designated as DAC	Poughkeepsie city	Poughkeepsie city
36027220700	360272207003	Block Group 3, Census Tract 2207, Dutc	976	Yes	Designated as DAC	Poughkeepsie city	Poughkeepsie city
36027220801	360272208011	Block Group 1, Census Tract 2208.01, D	942	Yes	Designated as DAC	Poughkeepsie city	Poughkeepsie city
36027220801	360272208012	Block Group 2, Census Tract 2208.01, D	691	Yes	Designated as DAC	Poughkeepsie city	Poughkeepsie city
36027220801	360272208013	Block Group 3, Census Tract 2208.01, D	902	Yes	Designated as DAC	Poughkeepsie city	Poughkeepsie city
36027220801	360272208014	Block Group 4, Census Tract 2208.01, D	750	Yes	Designated as DAC	Poughkeepsie city	Poughkeepsie city
36027220801	360272208015	Block Group 5, Census Tract 2208.01, D	663	Yes	Designated as DAC	Poughkeepsie city	Poughkeepsie city
36027220901	360272209013	Block Group 3, Census Tract 2209.01, D	769	Yes	Designated as DAC	Poughkeepsie city	Poughkeepsie city
36027221100	360272211001	Block Group 1, Census Tract 2211, Dutc	1184	Yes	Designated as DAC	Poughkeepsie city	Poughkeepsie city
36027221100	360272211002	Block Group 2, Census Tract 2211, Dutc	1123	Yes	Designated as DAC	Poughkeepsie city	Poughkeepsie city
36027221100	360272211003	Block Group 3, Census Tract 2211, Dutc	700	Yes	Designated as DAC	Poughkeepsie city	Poughkeepsie city
36027221100	360272211004	Block Group 4, Census Tract 2211, Dutc	875	Yes	Designated as DAC	Poughkeepsie city	Poughkeepsie city
36027300000	360273000001	Block Group 1, Census Tract 3000, Dutc	927	Yes	Designated as DAC	Wappingers Falls villa	Wappingers Falls village
36027640001	360276400011	Block Group 1, Census Tract 6400.01, D	767	Yes	Not Designated as DA Multiple municipalitie		
36027640002	360276400021	Block Group 1, Census Tract 6400.02, D	559	Yes	Designated as DAC	Beacon city	Beacon city
36029000110	360290001101	Block Group 1, Census Tract 1.10, Erie Co	572	Yes	Designated as DAC	Buffalo city	Buffalo city
36029000110	360290001102	Block Group 2, Census Tract 1.10, Erie Co	1287	Yes	Designated as DAC	Buffalo city	Buffalo city
36029000110	360290001103	Block Group 3, Census Tract 1.10, Erie Co	814	Yes	Designated as DAC	Buffalo city	Buffalo city
36029000200	360290002001	Block Group 1, Census Tract 2, Erie Cou	1112	Yes	Designated as DAC	Buffalo city	Buffalo city
36029000200	360290002002	Block Group 2, Census Tract 2, Erie Cou	1000	Yes	Designated as DAC	Buffalo city	Buffalo city
36029000200	360290002003	Block Group 3, Census Tract 2, Erie Cou	1226	Yes	Designated as DAC	Buffalo city	Buffalo city
36029000200	360290002004	Block Group 4, Census Tract 2, Erie Cou	1112	Yes	Designated as DAC	Buffalo city	Buffalo city
36029000500	360290005001	Block Group 1, Census Tract 5, Erie Cou	1080	Yes	Designated as DAC	Buffalo city	Buffalo city
36029000500	360290005002	Block Group 2, Census Tract 5, Erie Cou	1032	Yes	Designated as DAC	Buffalo city	Buffalo city
36029000900	360290009002	Block Group 2, Census Tract 9, Erie Cou	804	Yes	Not Designated as DA	Buffalo city	
36029001000	360290010001	Block Group 1, Census Tract 10, Erie Co	1395	Yes	Designated as DAC	Buffalo city	Buffalo city
36029001000	360290010002	Block Group 2, Census Tract 10, Erie Co	665	Yes	Designated as DAC	Buffalo city	Buffalo city
36029001000	360290010003	Block Group 3, Census Tract 10, Erie Co	904	Yes	Designated as DAC	Buffalo city	Buffalo city
36029001000	360290010004	Block Group 4, Census Tract 10, Erie Co	883	Yes	Designated as DAC	Buffalo city	Buffalo city
36029001000	360290010005	Block Group 5, Census Tract 10, Erie Co	2423	Yes	Designated as DAC	Buffalo city	Buffalo city
36029001100	360290011001	Block Group 1, Census Tract 11, Erie Co	1520	Yes	Designated as DAC	Buffalo city	Buffalo city
36029001100	360290011002	Block Group 2, Census Tract 11, Erie Co	905	Yes	Designated as DAC	Buffalo city	Buffalo city
36029001100	360290011003	Block Group 3, Census Tract 11, Erie Co	899	Yes	Designated as DAC	Buffalo city	Buffalo city
36029001403	360290014031	Block Group 1, Census Tract 14.03, Erie	673	Yes	Not in list		
36029001403	360290014032	Block Group 2, Census Tract 14.03, Erie	1108	Yes	Not in list		
36029001404	360290014041	Block Group 1, Census Tract 14.04, Erie	508	Yes	Not in list		
36029001404	360290014042	Block Group 2, Census Tract 14.04, Erie	694	Yes	Not in list		
36029001500	360290015001	Block Group 1, Census Tract 15, Erie Co	628	Yes	Designated as DAC	Buffalo city	Buffalo city
36029001500	360290015002	Block Group 2, Census Tract 15, Erie Co	536	Yes	Designated as DAC	Buffalo city	Buffalo city
36029001500	360290015003	Block Group 3, Census Tract 15, Erie Co	448	Yes	Designated as DAC	Buffalo city	Buffalo city
36029001601	360290016011	Block Group 1, Census Tract 16.01, Erie	1616	Yes	Not in list		
36029001602	360290016021	Block Group 1, Census Tract 16.02, Erie	1358	Yes	Not in list		
36029001700	360290017001	Block Group 1, Census Tract 17, Erie Co	1228	Yes	Designated as DAC	Buffalo city	Buffalo city
36029001700	360290017002	Block Group 2, Census Tract 17, Erie Co	680	Yes	Designated as DAC	Buffalo city	Buffalo city
36029001900	360290019003	Block Group 3, Census Tract 19, Erie Co	778	Yes	Designated as DAC	Buffalo city	Buffalo city
36029002300	360290023001	Block Group 1, Census Tract 23, Erie Co	997	Yes	Designated as DAC	Buffalo city	Buffalo city

36029005202	360290052022	Block Group 2, Census Tract 52.02, Erie	1367	Yes	Designated as DAC	Buffalo city	Buffalo city
36029005300	360290053002	Block Group 2, Census Tract 53, Erie Co	629	Yes	Not Designated as DA	Buffalo city	
36029005500	360290055001	Block Group 1, Census Tract 55, Erie Co	944	Yes	Designated as DAC	Buffalo city	Buffalo city
36029005500	360290055002	Block Group 2, Census Tract 55, Erie Co	1255	Yes	Designated as DAC	Buffalo city	Buffalo city
36029005500	360290055003	Block Group 3, Census Tract 55, Erie Co	1268	Yes	Designated as DAC	Buffalo city	Buffalo city
36029005500	360290055004	Block Group 4, Census Tract 55, Erie Co	896	Yes	Designated as DAC	Buffalo city	Buffalo city
36029005600	360290056001	Block Group 1, Census Tract 56, Erie Co	712	Yes	Designated as DAC	Buffalo city	Buffalo city
36029005600	360290056002	Block Group 2, Census Tract 56, Erie Co	780	Yes	Designated as DAC	Buffalo city	Buffalo city
36029005600	360290056003	Block Group 3, Census Tract 56, Erie Co	1240	Yes	Designated as DAC	Buffalo city	Buffalo city
36029005600	360290056004	Block Group 4, Census Tract 56, Erie Co	1364	Yes	Designated as DAC	Buffalo city	Buffalo city
36029005600	360290056005	Block Group 5, Census Tract 56, Erie Co	586	Yes	Designated as DAC	Buffalo city	Buffalo city
36029005700	360290057001	Block Group 1, Census Tract 57, Erie Co	867	Yes	Designated as DAC	Buffalo city	Buffalo city
36029005700	360290057002	Block Group 2, Census Tract 57, Erie Co	1258	Yes	Designated as DAC	Buffalo city	Buffalo city
36029005700	360290057003	Block Group 3, Census Tract 57, Erie Co	1391	Yes	Designated as DAC	Buffalo city	Buffalo city
36029005801	360290058011	Block Group 1, Census Tract 58.01, Erie	1725	Yes	Designated as DAC	Buffalo city	Buffalo city
36029005801	360290058012	Block Group 2, Census Tract 58.01, Erie	1097	Yes	Designated as DAC	Buffalo city	Buffalo city
36029005801	360290058013	Block Group 3, Census Tract 58.01, Erie	819	Yes	Designated as DAC	Buffalo city	Buffalo city
36029005802	360290058021	Block Group 1, Census Tract 58.02, Erie	1521	Yes	Designated as DAC	Buffalo city	Buffalo city
36029005802	360290058022	Block Group 2, Census Tract 58.02, Erie	1543	Yes	Designated as DAC	Buffalo city	Buffalo city
36029005802	360290058023	Block Group 3, Census Tract 58.02, Erie	1097	Yes	Designated as DAC	Buffalo city	Buffalo city
36029005802	360290058024	Block Group 4, Census Tract 58.02, Erie	1421	Yes	Designated as DAC	Buffalo city	Buffalo city
36029005900	360290059001	Block Group 1, Census Tract 59, Erie Co	836	Yes	Designated as DAC	Buffalo city	Buffalo city
36029005900	360290059002	Block Group 2, Census Tract 59, Erie Co	688	Yes	Designated as DAC	Buffalo city	Buffalo city
36029005900	360290059003	Block Group 3, Census Tract 59, Erie Co	796	Yes	Designated as DAC	Buffalo city	Buffalo city
36029005900	360290059004	Block Group 4, Census Tract 59, Erie Co	789	Yes	Designated as DAC	Buffalo city	Buffalo city
36029005900	360290059005	Block Group 5, Census Tract 59, Erie Co	942	Yes	Designated as DAC	Buffalo city	Buffalo city
36029006100	360290061001	Block Group 1, Census Tract 61, Erie Co	1322	Yes	Designated as DAC	Buffalo city	Buffalo city
36029006100	360290061002	Block Group 2, Census Tract 61, Erie Co	790	Yes	Designated as DAC	Buffalo city	Buffalo city
36029006100	360290061003	Block Group 3, Census Tract 61, Erie Co	949	Yes	Designated as DAC	Buffalo city	Buffalo city
36029006100	360290061004	Block Group 4, Census Tract 61, Erie Co	1025	Yes	Designated as DAC	Buffalo city	Buffalo city
36029006100	360290061005	Block Group 5, Census Tract 61, Erie Co	1069	Yes	Designated as DAC	Buffalo city	Buffalo city
36029006601	360290066011	Block Group 1, Census Tract 66.01, Erie	596	Yes	Not Designated as DA	Buffalo city	
36029006601	360290066013	Block Group 3, Census Tract 66.01, Erie	730	Yes	Not Designated as DA	Buffalo city	
36029006901	360290069011	Block Group 1, Census Tract 69.01, Erie	948	Yes	Designated as DAC	Buffalo city	Buffalo city
36029006901	360290069012	Block Group 2, Census Tract 69.01, Erie	784	Yes	Designated as DAC	Buffalo city	Buffalo city
36029006901	360290069013	Block Group 3, Census Tract 69.01, Erie	1542	Yes	Designated as DAC	Buffalo city	Buffalo city
36029006901	360290069014	Block Group 4, Census Tract 69.01, Erie	927	Yes	Designated as DAC	Buffalo city	Buffalo city
36029006903	360290069031	Block Group 1, Census Tract 69.03, Erie	1473	Yes	Not in list		
36029006904	360290069041	Block Group 1, Census Tract 69.04, Erie	858	Yes	Not in list		
36029006904	360290069042	Block Group 2, Census Tract 69.04, Erie	738	Yes	Not in list		
36029006904	360290069043	Block Group 3, Census Tract 69.04, Erie	844	Yes	Not in list		
36029007000	360290070001	Block Group 1, Census Tract 70, Erie Co	1258	Yes	Designated as DAC	Buffalo city	Buffalo city
36029007000	360290070002	Block Group 2, Census Tract 70, Erie Co	974	Yes	Designated as DAC	Buffalo city	Buffalo city
36029007000	360290070003	Block Group 3, Census Tract 70, Erie Co	1200	Yes	Designated as DAC	Buffalo city	Buffalo city
36029007102	360290071021	Block Group 1, Census Tract 71.02, Erie	1043	Yes	Designated as DAC	Buffalo city	Buffalo city
36029007102	360290071022	Block Group 2, Census Tract 71.02, Erie	755	Yes	Designated as DAC	Buffalo city	Buffalo city
36029007102	360290071023	Block Group 3, Census Tract 71.02, Erie	684	Yes	Designated as DAC	Buffalo city	Buffalo city
36029007103	360290071031	Block Group 1, Census Tract 71.03, Erie	563	Yes	Not in list		
36029007103	360290071032	Block Group 2, Census Tract 71.03, Erie	834	Yes	Not in list		
36029007104	360290071041	Block Group 1, Census Tract 71.04, Erie	487	Yes	Not in list		
36029007104	360290071042	Block Group 2, Census Tract 71.04, Erie	799	Yes	Not in list		
36029007104	360290071043	Block Group 3, Census Tract 71.04, Erie	430	Yes	Not in list		
36029007104	360290071044	Block Group 4, Census Tract 71.04, Erie	930	Yes	Not in list		
36029007202	360290072021	Block Group 1, Census Tract 72.02, Erie	1564	Yes	Designated as DAC	Buffalo city	Buffalo city
36029007700	360290077002	Block Group 2, Census Tract 77, Erie Co	907	Yes	Not Designated as DA	Tonawanda city	
36029007800	360290078002	Block Group 2, Census Tract 78, Erie Co	1716	Yes	Not Designated as DA	Tonawanda city	
36029008001	360290080013	Block Group 3, Census Tract 80.01, Erie	800	Yes	Not Designated as DA	Tonawanda Town	
36029008202	360290082021	Block Group 1, Census Tract 82.02, Erie	819	Yes	Not Designated as DA	Tonawanda Town	
36029008202	360290082025	Block Group 5, Census Tract 82.02, Erie	821	Yes	Not Designated as DA	Tonawanda Town	
36029008300	360290083001	Block Group 1, Census Tract 83, Erie Co	1359	Yes	Designated as DAC	Tonawanda Town	Tonawanda Town
36029008300	360290083002	Block Group 2, Census Tract 83, Erie Co	488	Yes	Designated as DAC	Tonawanda Town	Tonawanda Town
36029008300	360290083003	Block Group 3, Census Tract 83, Erie Co	644	Yes	Designated as DAC	Tonawanda Town	Tonawanda Town
36029008400	360290084001	Block Group 1, Census Tract 84, Erie Co	777	Yes	Designated as DAC	Tonawanda Town	Tonawanda Town
36029008700	360290087004	Block Group 4, Census Tract 87, Erie Co	816	Yes	Not Designated as DA	Kenmore village	
36029009107	360290091071	Block Group 1, Census Tract 91.07, Erie	1709	Yes	Not Designated as DA	Multiple municipalitie	
36029009112	360290091121	Block Group 1, Census Tract 91.12, Erie	2446	Yes	Not Designated as DA	Multiple municipalitie	
36029009112	360290091122	Block Group 2, Census Tract 91.12, Erie	849	Yes	Not Designated as DA	Multiple municipalitie	
36029009115	360290091152	Block Group 2, Census Tract 91.15, Erie	1139	Yes	Not Designated as DA	University at Buffalo	
36029009115	360290091153	Block Group 3, Census Tract 91.15, Erie	1949	Yes	Not Designated as DA	University at Buffalo	
36029009301	360290093013	Block Group 3, Census Tract 93.01, Erie	1612	Yes	Not Designated as DA	Eggertsville	
36029010102	360290101021	Block Group 1, Census Tract 101.02, Erie	1352	Yes	Designated as DAC	Cheektowaga	Cheektowaga
36029010102	360290101022	Block Group 2, Census Tract 101.02, Erie	688	Yes	Designated as DAC	Cheektowaga	Cheektowaga
36029010102	360290101023	Block Group 3, Census Tract 101.02, Erie	1863	Yes	Designated as DAC	Cheektowaga	Cheektowaga
36029010300	360290103001	Block Group 1, Census Tract 103, Erie Co	601	Yes	Not Designated as DA	Cheektowaga	
36029010300	360290103002	Block Group 2, Census Tract 103, Erie Co	755	Yes	Not Designated as DA	Cheektowaga	
36029010400	360290104001	Block Group 1, Census Tract 104, Erie Co	1631	Yes	Not Designated as DA	Cheektowaga	
36029010400	360290104002	Block Group 2, Census Tract 104, Erie Co	885	Yes	Not Designated as DA	Cheektowaga	
36029010500	360290105001	Block Group 1, Census Tract 105, Erie Co	654	Yes	Not Designated as DA	Cheektowaga	
36029010500	360290105002	Block Group 2, Census Tract 105, Erie Co	956	Yes	Not Designated as DA	Cheektowaga	
36029010500	360290105003	Block Group 3, Census Tract 105, Erie Co	825	Yes	Not Designated as DA	Cheektowaga	
36029011400	360290114001	Block Group 1, Census Tract 114, Erie Co	778	Yes	Designated as DAC	West Seneca	West Seneca
36029011400	360290114002	Block Group 2, Census Tract 114, Erie Co	1555	Yes	Designated as DAC	West Seneca	West Seneca
36029012300	360290123001	Block Group 1, Census Tract 123, Erie Co	827	Yes	Designated as DAC	Lackawanna city	Lackawanna city
36029012300	360290123002	Block Group 2, Census Tract 123, Erie Co	1126	Yes	Designated as DAC	Lackawanna city	Lackawanna city
36029012300	360290123003	Block Group 3, Census Tract 123, Erie Co	856	Yes	Designated as DAC	Lackawanna city	Lackawanna city
36029012300	360290123004	Block Group 4, Census Tract 123, Erie Co	1034	Yes	Designated as DAC	Lackawanna city	Lackawanna city
36029012400	360290124001	Block Group 1, Census Tract 124, Erie Co	686	Yes	Designated as DAC	Lackawanna city	Lackawanna city
36029012400	360290124002	Block Group 2, Census Tract 124, Erie Co	1678	Yes	Designated as DAC	Lackawanna city	Lackawanna city
36029012501	360290125012	Block Group 2, Census Tract 125.01, Erie	726	Yes	Not Designated as DA	Lackawanna city	
36029012501	360290125013	Block Group 3, Census Tract 125.01, Erie	1624	Yes	Not Designated as DA	Lackawanna city	
36029012501	360290125014	Block Group 4, Census Tract 125.01, Erie	805	Yes	Not Designated as DA	Lackawanna city	
36029012501	360290125015	Block Group 5, Census Tract 125.01, Erie	975	Yes	Not Designated as DA	Lackawanna city	
36029015600	360290156001	Block Group 1, Census Tract 156, Erie Co	1133	Yes	Not Designated as DA	Farnham village	

36029015600	360290156002	Block Group 2, Census Tract 156, Erie C	779	Yes	Not Designated as DA Farnham village		
36029016200	360290162001	Block Group 1, Census Tract 162, Erie C	1181	Yes	Not Designated as DA Lackawanna city		
36029016300	360290163001	Block Group 1, Census Tract 163, Erie C	745	Yes	Designated as DAC Buffalo city	Buffalo city	
36029016300	360290163002	Block Group 2, Census Tract 163, Erie C	726	Yes	Designated as DAC Buffalo city	Buffalo city	
36029016300	360290163003	Block Group 3, Census Tract 163, Erie C	1096	Yes	Designated as DAC Buffalo city	Buffalo city	
36029016400	360290164001	Block Group 1, Census Tract 164, Erie C	729	Yes	Designated as DAC Buffalo city	Buffalo city	
36029016400	360290164002	Block Group 2, Census Tract 164, Erie C	675	Yes	Designated as DAC Buffalo city	Buffalo city	
36029016400	360290164003	Block Group 3, Census Tract 164, Erie C	1054	Yes	Designated as DAC Buffalo city	Buffalo city	
36029016400	360290164004	Block Group 4, Census Tract 164, Erie C	437	Yes	Designated as DAC Buffalo city	Buffalo city	
36029016400	360290164005	Block Group 5, Census Tract 164, Erie C	167	Yes	Designated as DAC Buffalo city	Buffalo city	
36029016600	360290166001	Block Group 1, Census Tract 166, Erie C	828	Yes	Designated as DAC Buffalo city	Buffalo city	
36029016600	360290166002	Block Group 2, Census Tract 166, Erie C	601	Yes	Designated as DAC Buffalo city	Buffalo city	
36029016600	360290166003	Block Group 3, Census Tract 166, Erie C	531	Yes	Designated as DAC Buffalo city	Buffalo city	
36029016600	360290166004	Block Group 4, Census Tract 166, Erie C	927	Yes	Designated as DAC Buffalo city	Buffalo city	
36029016700	360290167001	Block Group 1, Census Tract 167, Erie C	784	Yes	Designated as DAC Buffalo city	Buffalo city	
36029016700	360290167002	Block Group 2, Census Tract 167, Erie C	842	Yes	Designated as DAC Buffalo city	Buffalo city	
36029016700	360290167003	Block Group 3, Census Tract 167, Erie C	1015	Yes	Designated as DAC Buffalo city	Buffalo city	
36029016801	360290168011	Block Group 1, Census Tract 168.01, Erie C	983	Yes	Not in list		
36029016801	360290168012	Block Group 2, Census Tract 168.01, Erie C	1082	Yes	Not in list		
36029016802	360290168021	Block Group 1, Census Tract 168.02, Erie C	921	Yes	Not in list		
36029016802	360290168022	Block Group 2, Census Tract 168.02, Erie C	792	Yes	Not in list		
36029016900	360290169003	Block Group 3, Census Tract 169, Erie C	1169	Yes	Not Designated as DA Buffalo city		
36029017000	360290170001	Block Group 1, Census Tract 170, Erie C	1091	Yes	Designated as DAC Buffalo city	Buffalo city	
36029017000	360290170002	Block Group 2, Census Tract 170, Erie C	1480	Yes	Designated as DAC Buffalo city	Buffalo city	
36029017000	360290170003	Block Group 3, Census Tract 170, Erie C	417	Yes	Designated as DAC Buffalo city	Buffalo city	
36029017100	360290171001	Block Group 1, Census Tract 171, Erie C	1162	Yes	Designated as DAC Buffalo city	Buffalo city	
36029017100	360290171002	Block Group 2, Census Tract 171, Erie C	964	Yes	Designated as DAC Buffalo city	Buffalo city	
36029017100	360290171003	Block Group 3, Census Tract 171, Erie C	1128	Yes	Designated as DAC Buffalo city	Buffalo city	
36029017100	360290171004	Block Group 4, Census Tract 171, Erie C	842	Yes	Designated as DAC Buffalo city	Buffalo city	
36029017100	360290171005	Block Group 5, Census Tract 171, Erie C	1298	Yes	Designated as DAC Buffalo city	Buffalo city	
36029017200	360290172001	Block Group 1, Census Tract 172, Erie C	743	Yes	Designated as DAC Tonawanda city	Tonawanda city	
36029017200	360290172002	Block Group 2, Census Tract 172, Erie C	585	Yes	Designated as DAC Tonawanda city	Tonawanda city	
36029017200	360290172003	Block Group 3, Census Tract 172, Erie C	935	Yes	Designated as DAC Tonawanda city	Tonawanda city	
36029017400	360290174001	Block Group 1, Census Tract 174, Erie C	1840	Yes	Designated as DAC Lackawanna city	Lackawanna city	
36029017400	360290174002	Block Group 2, Census Tract 174, Erie C	791	Yes	Designated as DAC Lackawanna city	Lackawanna city	
36029017400	360290174003	Block Group 3, Census Tract 174, Erie C	1184	Yes	Designated as DAC Lackawanna city	Lackawanna city	
36029017400	360290174004	Block Group 4, Census Tract 174, Erie C	821	Yes	Designated as DAC Lackawanna city	Lackawanna city	
36029017501	360290175011	Block Group 1, Census Tract 175.01, Erie C	556	Yes	Designated as DAC Gowanda village	Gowanda village	
36029017501	360290175012	Block Group 2, Census Tract 175.01, Erie C	897	Yes	Designated as DAC Gowanda village	Gowanda village	
36029940000	360299400001	Block Group 1, Census Tract 9400, Erie C	1184	Yes	Designated as DAC Multiple municipalitie	Multiple municipalities	
36029940000	360299400002	Block Group 2, Census Tract 9400, Erie C	951	Yes	Designated as DAC Multiple municipalitie	Multiple municipalities	
36029940100	360299401001	Block Group 1, Census Tract 9401, Erie C	20	Yes	Designated as DAC Multiple municipalitie	Multiple municipalities	
36029980300	360299803001	Block Group 1, Census Tract 9803, Erie C	2193	Yes	Not in list		
36029980500	360299805001	Block Group 1, Census Tract 9805, Erie C	963	Yes	Not in list		
36031961202	360319612022	Block Group 2, Census Tract 9612.02, Erie C	925	Yes	Not in list		
36031961300	360319613001	Block Group 1, Census Tract 9613, Erie C	1133	Yes	Not Designated as DA Schroon Lake		
36031961300	360319613002	Block Group 2, Census Tract 9613, Erie C	747	Yes	Not Designated as DA Schroon Lake		
36033940000	360339400001	Block Group 1, Census Tract 9400, Fran	2027	Yes	Designated as DAC Akwesasne	Akwesasne	
36033940000	360339400002	Block Group 2, Census Tract 9400, Fran	1636	Yes	Designated as DAC Akwesasne	Akwesasne	
36033950301	360339503011	Block Group 1, Census Tract 9503.01, F	1950	Yes	Not in list		
36033950301	360339503012	Block Group 2, Census Tract 9503.01, F	966	Yes	Not in list		
36033950301	360339503013	Block Group 3, Census Tract 9503.01, F	2231	Yes	Not in list		
36033950501	360339505011	Block Group 1, Census Tract 9505.01, F	817	Yes	Not Designated as DA Malone village		
36033950501	360339505012	Block Group 2, Census Tract 9505.01, F	817	Yes	Not Designated as DA Malone village		
36033950501	360339505013	Block Group 3, Census Tract 9505.01, F	1534	Yes	Not Designated as DA Malone village		
36035970100	360359701001	Block Group 1, Census Tract 9701, Fult	934	Yes	Not Designated as DA Northville village		
36035970100	360359701002	Block Group 2, Census Tract 9701, Fult	730	Yes	Not Designated as DA Northville village		
36035970100	360359701003	Block Group 3, Census Tract 9701, Fult	808	Yes	Not Designated as DA Northville village		
36035970400	360359704001	Block Group 1, Census Tract 9704, Fult	874	Yes	Not Designated as DA Caroga Lake		
36035970400	360359704002	Block Group 2, Census Tract 9704, Fult	935	Yes	Not Designated as DA Caroga Lake		
36035970500	360359705001	Block Group 1, Census Tract 9705, Fult	940	Yes	Not Designated as DA Dolgeville village		
36035970500	360359705002	Block Group 2, Census Tract 9705, Fult	564	Yes	Not Designated as DA Dolgeville village		
36035970500	360359705003	Block Group 3, Census Tract 9705, Fult	797	Yes	Not Designated as DA Dolgeville village		
36035970500	360359705004	Block Group 4, Census Tract 9705, Fult	668	Yes	Not Designated as DA Dolgeville village		
36035970500	360359705005	Block Group 5, Census Tract 9705, Fult	997	Yes	Not Designated as DA Dolgeville village		
36035970601	360359706014	Block Group 4, Census Tract 9706.01, F	178	Yes	Not in list		
36035970700	360359707001	Block Group 1, Census Tract 9707, Fult	703	Yes	Designated as DAC Gloversville city	Gloversville city	
36035970700	360359707002	Block Group 2, Census Tract 9707, Fult	942	Yes	Designated as DAC Gloversville city	Gloversville city	
36035970700	360359707003	Block Group 3, Census Tract 9707, Fult	902	Yes	Designated as DAC Gloversville city	Gloversville city	
36035970700	360359707004	Block Group 4, Census Tract 9707, Fult	928	Yes	Designated as DAC Gloversville city	Gloversville city	
36035970800	360359708001	Block Group 1, Census Tract 9708, Fult	654	Yes	Designated as DAC Gloversville city	Gloversville city	
36035970800	360359708002	Block Group 2, Census Tract 9708, Fult	781	Yes	Designated as DAC Gloversville city	Gloversville city	
36035970800	360359708003	Block Group 3, Census Tract 9708, Fult	659	Yes	Designated as DAC Gloversville city	Gloversville city	
36035970800	360359708004	Block Group 4, Census Tract 9708, Fult	853	Yes	Designated as DAC Gloversville city	Gloversville city	
36035970900	360359709001	Block Group 1, Census Tract 9709, Fult	823	Yes	Not Designated as DA Gloversville city		
36035970900	360359709002	Block Group 2, Census Tract 9709, Fult	956	Yes	Not Designated as DA Gloversville city		
36035970900	360359709003	Block Group 3, Census Tract 9709, Fult	896	Yes	Not Designated as DA Gloversville city		
36035970900	360359709004	Block Group 4, Census Tract 9709, Fult	805	Yes	Not Designated as DA Gloversville city		
36035971000	360359710001	Block Group 1, Census Tract 9710, Fult	853	Yes	Not Designated as DA Gloversville city		
36035971000	360359710002	Block Group 2, Census Tract 9710, Fult	762	Yes	Not Designated as DA Gloversville city		
36035971000	360359710003	Block Group 3, Census Tract 9710, Fult	902	Yes	Not Designated as DA Gloversville city		
36035971100	360359711001	Block Group 1, Census Tract 9711, Fult	942	Yes	Not Designated as DA Gloversville city		
36035971100	360359711002	Block Group 2, Census Tract 9711, Fult	962	Yes	Not Designated as DA Gloversville city		
36035971100	360359711003	Block Group 3, Census Tract 9711, Fult	808	Yes	Not Designated as DA Gloversville city		
36037940100	360379401001	Block Group 1, Census Tract 9401, Gen	241	Yes	Designated as DAC Multiple municipalitie	Multiple municipalities	
36037950700	360379507001	Block Group 1, Census Tract 9507, Gen	1479	Yes	Designated as DAC Batavia city	Batavia city	
36037950700	360379507002	Block Group 2, Census Tract 9507, Gen	959	Yes	Designated as DAC Batavia city	Batavia city	
36037950800	360379508001	Block Group 1, Census Tract 9508, Gen	1119	Yes	Not Designated as DA Batavia city		
36037950800	360379508003	Block Group 3, Census Tract 9508, Gen	1250	Yes	Not Designated as DA Batavia city		
36037951000	360379510001	Block Group 1, Census Tract 9510, Gen	1525	Yes	Designated as DAC Batavia city	Batavia city	
36037951000	360379510002	Block Group 2, Census Tract 9510, Gen	1207	Yes	Designated as DAC Batavia city	Batavia city	
36039080202	360390802021	Block Group 1, Census Tract 802.02, Gr	1255	Yes	Not Designated as DA East Durham		
36039080202	360390802022	Block Group 2, Census Tract 802.02, Gr	1372	Yes	Not Designated as DA East Durham		

36039081001	36039081001	Block Group 1, Census Tract 810.01, Gr	888	Yes	Not in list	
36039081001	36039081002	Block Group 2, Census Tract 810.01, Gr	871	Yes	Not in list	
36039081002	36039081002	Block Group 1, Census Tract 810.02, Gr	1028	Yes	Not in list	
36039081002	36039081002	Block Group 2, Census Tract 810.02, Gr	1490	Yes	Not in list	
36039081101	36039081101	Block Group 1, Census Tract 811.01, Gr	979	Yes	Not Designated as DA Palenville	
36039081101	36039081102	Block Group 2, Census Tract 811.01, Gr	1383	Yes	Not Designated as DA Palenville	
36039081101	36039081103	Block Group 3, Census Tract 811.01, Gr	849	Yes	Not Designated as DA Palenville	
36039081101	36039081104	Block Group 4, Census Tract 811.01, Gr	838	Yes	Not Designated as DA Palenville	
36039081102	360390811021	Block Group 1, Census Tract 811.02, Gr	1420	Yes	Designated as DAC Jefferson Heights	Jefferson Heights
36039081102	360390811022	Block Group 2, Census Tract 811.02, Gr	530	Yes	Designated as DAC Jefferson Heights	Jefferson Heights
36039081102	360390811023	Block Group 3, Census Tract 811.02, Gr	1022	Yes	Designated as DAC Jefferson Heights	Jefferson Heights
36041950400	360419504001	Block Group 1, Census Tract 9504, Ham	683	Yes	Not Designated as DA Wells	
36041950400	360419504002	Block Group 2, Census Tract 9504, Ham	634	Yes	Not Designated as DA Wells	
36043010300	360430103004	Block Group 4, Census Tract 103, Herki	680	Yes	Not Designated as DA Ilion village	
36043010400	360430104001	Block Group 1, Census Tract 104, Herki	1073	Yes	Designated as DAC Ilion village	Ilion village
36043010400	360430104002	Block Group 2, Census Tract 104, Herki	913	Yes	Designated as DAC Ilion village	Ilion village
36043010400	360430104003	Block Group 3, Census Tract 104, Herki	652	Yes	Designated as DAC Ilion village	Ilion village
36043010501	360430105011	Block Group 1, Census Tract 105.01, He	27	Yes	Designated as DAC Mohawk village	Mohawk village
36043010701	360430107011	Block Group 1, Census Tract 107.01, He	1120	Yes	Not Designated as DA Little Falls city	
36043010701	360430107012	Block Group 2, Census Tract 107.01, He	1421	Yes	Not Designated as DA Little Falls city	
36043010702	360430107021	Block Group 1, Census Tract 107.02, He	1290	Yes	Not Designated as DA Little Falls city	
36043010702	360430107022	Block Group 2, Census Tract 107.02, He	774	Yes	Not Designated as DA Little Falls city	
36043011100	360430111001	Block Group 1, Census Tract 111, Herki	8	Yes	Designated as DAC Herkimer village	Herkimer village
36043011100	360430111002	Block Group 2, Census Tract 111, Herki	1116	Yes	Designated as DAC Herkimer village	Herkimer village
36043011100	360430111003	Block Group 3, Census Tract 111, Herki	1074	Yes	Designated as DAC Herkimer village	Herkimer village
36043011200	360430112005	Block Group 5, Census Tract 112, Herki	1136	Yes	Not Designated as DA Herkimer village	
36043011502	360430115021	Block Group 1, Census Tract 115.02, He	836	Yes	Not Designated as DA Old Forge	
36043011502	360430115022	Block Group 2, Census Tract 115.02, He	732	Yes	Not Designated as DA Old Forge	
36043011502	360430115023	Block Group 3, Census Tract 115.02, He	643	Yes	Not Designated as DA Old Forge	
36045060500	360450605001	Block Group 1, Census Tract 605, Jeffer	2092	Yes	Not Designated as DA Depauville	
36045060500	360450605002	Block Group 2, Census Tract 605, Jeffer	845	Yes	Not Designated as DA Depauville	
36045060500	360450605003	Block Group 3, Census Tract 605, Jeffer	1269	Yes	Not Designated as DA Depauville	
36045060500	360450605004	Block Group 4, Census Tract 605, Jeffer	1308	Yes	Not Designated as DA Depauville	
36045060803	360450608031	Block Group 1, Census Tract 608.03, Jef	4063	Yes	Not Designated as DA Fort Drum	
36045060803	360450608032	Block Group 2, Census Tract 608.03, Jef	2565	Yes	Not Designated as DA Fort Drum	
36045060803	360450608033	Block Group 3, Census Tract 608.03, Jef	2790	Yes	Not Designated as DA Fort Drum	
36045060901	360450609011	Block Group 1, Census Tract 609.01, Jef	1035	Yes	Not in list	
36045060901	360450609012	Block Group 2, Census Tract 609.01, Jef	918	Yes	Not in list	
36045060901	360450609013	Block Group 3, Census Tract 609.01, Jef	1114	Yes	Not in list	
36045060902	360450609021	Block Group 1, Census Tract 609.02, Jef	1363	Yes	Not in list	
36045060902	360450609022	Block Group 2, Census Tract 609.02, Jef	1293	Yes	Not in list	
36045061000	360450610001	Block Group 1, Census Tract 610, Jeffer	923	Yes	Not Designated as DA Great Bend	
36045061200	360450612001	Block Group 1, Census Tract 612, Jeffer	1407	Yes	Not Designated as DA Watertown city	
36045061200	360450612002	Block Group 2, Census Tract 612, Jeffer	801	Yes	Not Designated as DA Watertown city	
36045061200	360450612003	Block Group 3, Census Tract 612, Jeffer	884	Yes	Not Designated as DA Watertown city	
36045061300	360450613001	Block Group 1, Census Tract 613, Jeffer	693	Yes	Designated as DAC Watertown city	Watertown city
36045061300	360450613002	Block Group 2, Census Tract 613, Jeffer	997	Yes	Designated as DAC Watertown city	Watertown city
36045061300	360450613003	Block Group 3, Census Tract 613, Jeffer	1411	Yes	Designated as DAC Watertown city	Watertown city
36045061400	360450614001	Block Group 1, Census Tract 614, Jeffer	962	Yes	Designated as DAC Watertown city	Watertown city
36045061400	360450614002	Block Group 2, Census Tract 614, Jeffer	574	Yes	Designated as DAC Watertown city	Watertown city
36045061400	360450614003	Block Group 3, Census Tract 614, Jeffer	890	Yes	Designated as DAC Watertown city	Watertown city
36045061400	360450614004	Block Group 4, Census Tract 614, Jeffer	720	Yes	Designated as DAC Watertown city	Watertown city
36045061500	360450615001	Block Group 1, Census Tract 615, Jeffer	703	Yes	Designated as DAC Watertown city	Watertown city
36045061500	360450615002	Block Group 2, Census Tract 615, Jeffer	836	Yes	Designated as DAC Watertown city	Watertown city
36045061500	360450615003	Block Group 3, Census Tract 615, Jeffer	1526	Yes	Designated as DAC Watertown city	Watertown city
36045061500	360450615004	Block Group 4, Census Tract 615, Jeffer	988	Yes	Designated as DAC Watertown city	Watertown city
36045062100	360450621001	Block Group 1, Census Tract 621, Jeffer	1293	Yes	Designated as DAC Watertown city	Watertown city
36045062100	360450621002	Block Group 2, Census Tract 621, Jeffer	1239	Yes	Designated as DAC Watertown city	Watertown city
36045062100	360450621003	Block Group 3, Census Tract 621, Jeffer	1286	Yes	Designated as DAC Watertown city	Watertown city
36045062200	360450622001	Block Group 1, Census Tract 622, Jeffer	1116	Yes	Not Designated as DA Watertown city	
36045062200	360450622002	Block Group 2, Census Tract 622, Jeffer	928	Yes	Not Designated as DA Watertown city	
36045062200	360450622003	Block Group 3, Census Tract 622, Jeffer	1048	Yes	Not Designated as DA Watertown city	
36045062200	360450622004	Block Group 4, Census Tract 622, Jeffer	823	Yes	Not Designated as DA Watertown city	
36047002000	36047002001	Block Group 1, Census Tract 2, Kings Co	1205	Yes	Designated as DAC New York city	New York city
36047001300	360470013002	Block Group 2, Census Tract 13, Kings C	0	Yes	Designated as DAC New York city	New York city
36047001501	360470015012	Block Group 2, Census Tract 15.01, King	2490	Yes	Not in list	
36047002000	360470020001	Block Group 1, Census Tract 20, Kings C	805	Yes	Designated as DAC New York city	New York city
36047002000	360470020002	Block Group 2, Census Tract 20, Kings C	889	Yes	Designated as DAC New York city	New York city
36047002200	360470022001	Block Group 1, Census Tract 22, Kings C	1320	Yes	Designated as DAC New York city	New York city
36047002200	360470022002	Block Group 2, Census Tract 22, Kings C	1240	Yes	Designated as DAC New York city	New York city
36047002200	360470022003	Block Group 3, Census Tract 22, Kings C	1307	Yes	Designated as DAC New York city	New York city
36047002200	360470022004	Block Group 4, Census Tract 22, Kings C	722	Yes	Designated as DAC New York city	New York city
36047002300	360470023001	Block Group 1, Census Tract 23, Kings C	1372	Yes	Designated as DAC New York city	New York city
36047002300	360470023002	Block Group 2, Census Tract 23, Kings C	1486	Yes	Designated as DAC New York city	New York city
36047002300	360470023003	Block Group 3, Census Tract 23, Kings C	1082	Yes	Designated as DAC New York city	New York city
36047002901	360470029011	Block Group 1, Census Tract 29.01, King	2462	Yes	Designated as DAC New York city	New York city
36047002901	360470029012	Block Group 2, Census Tract 29.01, King	687	Yes	Designated as DAC New York city	New York city
36047003000	360470030002	Block Group 2, Census Tract 30, Kings C	922	Yes	Not Designated as DA New York city	
36047003400	360470034001	Block Group 1, Census Tract 34, Kings C	933	Yes	Not Designated as DA New York city	
36047003600	360470036001	Block Group 1, Census Tract 36, Kings C	1208	Yes	Not Designated as DA New York city	
36047004300	360470043001	Block Group 1, Census Tract 43, Kings C	0	Yes	Not Designated as DA New York city	
36047005201	360470052010	Block Group 0, Census Tract 52.01, King	0	Yes	Not Designated as DA New York city	
36047005201	360470052011	Block Group 1, Census Tract 52.01, King	1879	Yes	Not Designated as DA New York city	
36047005800	360470058001	Block Group 1, Census Tract 58, Kings C	1052	Yes	Not Designated as DA New York city	
36047006000	360470060001	Block Group 1, Census Tract 60, Kings C	1191	Yes	Not Designated as DA New York city	
36047006200	360470062001	Block Group 1, Census Tract 62, Kings C	1169	Yes	Not Designated as DA New York city	
36047006200	360470062002	Block Group 2, Census Tract 62, Kings C	1288	Yes	Not Designated as DA New York city	
36047006400	360470064002	Block Group 2, Census Tract 64, Kings C	1057	Yes	Not Designated as DA New York city	
36047006800	360470068001	Block Group 1, Census Tract 68, Kings C	1534	Yes	Designated as DAC New York city	New York city
36047006800	360470068002	Block Group 2, Census Tract 68, Kings C	1890	Yes	Designated as DAC New York city	New York city
36047006800	360470068003	Block Group 3, Census Tract 68, Kings C	731	Yes	Designated as DAC New York city	New York city
36047006800	360470068004	Block Group 4, Census Tract 68, Kings C	1336	Yes	Designated as DAC New York city	New York city
36047007100	360470071001	Block Group 1, Census Tract 71, Kings C	1088	Yes	Designated as DAC New York city	New York city

36055010901	360550109012	Block Group 2, Census Tract 109.01, Mt	1764	Yes	Designated as DAC	Irondequoit	Irondequoit
36055010901	360550109013	Block Group 3, Census Tract 109.01, Mt	1683	Yes	Designated as DAC	Irondequoit	Irondequoit
36055010902	360550109023	Block Group 3, Census Tract 109.02, Mt	1269	Yes	Designated as DAC	Irondequoit	Irondequoit
36055011603	360550116031	Block Group 1, Census Tract 116.03, Mt	1230	Yes	Designated as DAC	Multiple municipalities	Multiple municipalities
36055011901	360550119014	Block Group 4, Census Tract 119.01, Mt	2088	Yes	Not Designated as DA	Multiple municipalities	
36055013006	360550130061	Block Group 1, Census Tract 130.06, Mt	1640	Yes	Not in list		
36055013006	360550130062	Block Group 2, Census Tract 130.06, Mt	757	Yes	Not in list		
36055013101	360550131011	Block Group 1, Census Tract 131.01, Mt	1498	Yes	Not Designated as DA	Multiple municipalities	
36055013103	360550131031	Block Group 1, Census Tract 131.03, Mt	1329	Yes	Not Designated as DA	Rochester Institute of	
36055013103	360550131032	Block Group 2, Census Tract 131.03, Mt	5927	Yes	Not Designated as DA	Rochester Institute of	
36055013103	360550131033	Block Group 3, Census Tract 131.03, Mt	660	Yes	Not Designated as DA	Rochester Institute of	
36055013104	360550131041	Block Group 1, Census Tract 131.04, Mt	974	Yes	Designated as DAC	Rochester Institute of	Rochester Institute of Technology
36055013104	360550131042	Block Group 2, Census Tract 131.04, Mt	2176	Yes	Designated as DAC	Rochester Institute of	Rochester Institute of Technology
36055013104	360550131043	Block Group 3, Census Tract 131.04, Mt	2255	Yes	Designated as DAC	Rochester Institute of	Rochester Institute of Technology
36055013205	360550132053	Block Group 3, Census Tract 132.05, Mt	2365	Yes	Not Designated as DA	Multiple municipalities	
36055013401	360550134011	Block Group 1, Census Tract 134.01, Mt	1715	Yes	Designated as DAC	Multiple municipalities	Multiple municipalities
36055013401	360550134012	Block Group 2, Census Tract 134.01, Mt	1430	Yes	Designated as DAC	Multiple municipalities	Multiple municipalities
36055013401	360550134013	Block Group 3, Census Tract 134.01, Mt	761	Yes	Designated as DAC	Multiple municipalities	Multiple municipalities
36055013800	360550138005	Block Group 5, Census Tract 138, Monr	1318	Yes	Not Designated as DA	Multiple municipalities	
36055013902	360550139022	Block Group 2, Census Tract 139.02, Mt	1402	Yes	Designated as DAC	Multiple municipalities	Multiple municipalities
36055013902	360550139023	Block Group 3, Census Tract 139.02, Mt	1651	Yes	Designated as DAC	Multiple municipalities	Multiple municipalities
36055014004	360550140041	Block Group 1, Census Tract 140.04, Mt	1228	Yes	Not Designated as DA	Multiple municipalities	
36055014102	360550141021	Block Group 1, Census Tract 141.02, Mt	719	Yes	Not Designated as DA	Greece	
36055014301	360550143011	Block Group 1, Census Tract 143.01, Mt	1144	Yes	Designated as DAC	North Gates	North Gates
36055014302	360550143022	Block Group 2, Census Tract 143.02, Mt	1098	Yes	Designated as DAC	Gates	Gates
36055015301	360550153011	Block Group 1, Census Tract 153.01, Mt	2143	Yes	Not Designated as DA	Brockport village	
36055015304	360550153043	Block Group 3, Census Tract 153.04, Mt	1491	Yes	Designated as DAC	Brockport village	Brockport village
36055980200	360559802001	Block Group 1, Census Tract 9802, Mont	17	Yes	Not in list		
36057070200	360570702001	Block Group 1, Census Tract 702, Mont	613	Yes	Designated as DAC	Amsterdam city	Amsterdam city
36057070200	360570702002	Block Group 2, Census Tract 702, Mont	773	Yes	Designated as DAC	Amsterdam city	Amsterdam city
36057070200	360570702003	Block Group 3, Census Tract 702, Mont	856	Yes	Designated as DAC	Amsterdam city	Amsterdam city
36057070300	360570703001	Block Group 1, Census Tract 703, Mont	951	Yes	Designated as DAC	Amsterdam city	Amsterdam city
36057070300	360570703002	Block Group 2, Census Tract 703, Mont	1109	Yes	Designated as DAC	Amsterdam city	Amsterdam city
36057070500	360570705001	Block Group 1, Census Tract 705, Mont	1647	Yes	Not Designated as DA	Amsterdam city	
36057070500	360570705002	Block Group 2, Census Tract 705, Mont	1056	Yes	Not Designated as DA	Amsterdam city	
36057070600	360570706001	Block Group 1, Census Tract 706, Mont	810	Yes	Designated as DAC	Amsterdam city	Amsterdam city
36057070600	360570706002	Block Group 2, Census Tract 706, Mont	1201	Yes	Designated as DAC	Amsterdam city	Amsterdam city
36057070700	360570707001	Block Group 1, Census Tract 707, Mont	1011	Yes	Designated as DAC	Amsterdam city	Amsterdam city
36057070700	360570707002	Block Group 2, Census Tract 707, Mont	1614	Yes	Designated as DAC	Amsterdam city	Amsterdam city
36057070800	360570708001	Block Group 1, Census Tract 708, Mont	1390	Yes	Designated as DAC	Amsterdam city	Amsterdam city
36057070800	360570708002	Block Group 2, Census Tract 708, Mont	1569	Yes	Designated as DAC	Amsterdam city	Amsterdam city
36057070900	360570709001	Block Group 1, Census Tract 709, Mont	1623	Yes	Designated as DAC	Amsterdam city	Amsterdam city
36057072300	360570723001	Block Group 1, Census Tract 723, Mont	1337	Yes	Designated as DAC	Nelliston village	Nelliston village
36057072300	360570723002	Block Group 2, Census Tract 723, Mont	1852	Yes	Designated as DAC	Nelliston village	Nelliston village
36057072400	360570724001	Block Group 1, Census Tract 724, Mont	1083	Yes	Designated as DAC	St. Johnsville village	St. Johnsville village
36057072400	360570724002	Block Group 2, Census Tract 724, Mont	1515	Yes	Designated as DAC	St. Johnsville village	St. Johnsville village
36057072500	360570725001	Block Group 1, Census Tract 725, Mont	761	Yes	Designated as DAC	Fort Plain village	Fort Plain village
36057072500	360570725002	Block Group 2, Census Tract 725, Mont	924	Yes	Designated as DAC	Fort Plain village	Fort Plain village
36057072500	360570725003	Block Group 3, Census Tract 725, Mont	993	Yes	Designated as DAC	Fort Plain village	Fort Plain village
36057072500	360570725004	Block Group 4, Census Tract 725, Mont	1488	Yes	Designated as DAC	Fort Plain village	Fort Plain village
36057072600	360570726002	Block Group 2, Census Tract 726, Mont	1418	Yes	Not Designated as DA	Canajoharie village	
36057072700	360570727001	Block Group 1, Census Tract 727, Mont	1062	Yes	Designated as DAC	Fultonville village	Fultonville village
36057072700	360570727002	Block Group 2, Census Tract 727, Mont	1138	Yes	Designated as DAC	Fultonville village	Fultonville village
36057072700	360570727003	Block Group 3, Census Tract 727, Mont	1449	Yes	Designated as DAC	Fultonville village	Fultonville village
36057072700	360570727004	Block Group 4, Census Tract 727, Mont	900	Yes	Designated as DAC	Fultonville village	Fultonville village
36059300300	360593003001	Block Group 1, Census Tract 3003, Nass	1680	Yes	Not Designated as DA	Great Neck village	
36059300300	360593003002	Block Group 2, Census Tract 3003, Nass	1090	Yes	Not Designated as DA	Great Neck village	
36059300300	360593003003	Block Group 3, Census Tract 3003, Nass	969	Yes	Not Designated as DA	Great Neck village	
36059300300	360593003004	Block Group 4, Census Tract 3003, Nass	941	Yes	Not Designated as DA	Great Neck village	
36059300400	360593004001	Block Group 1, Census Tract 3004, Nass	1608	Yes	Not Designated as DA	Great Neck village	
36059300600	360593006001	Block Group 1, Census Tract 3006, Nass	739	Yes	Not Designated as DA	Thomaston village	
36059301101	360593011011	Block Group 1, Census Tract 3011.01, N	2700	Yes	Not Designated as DA	Manorhaven village	
36059301101	360593011012	Block Group 2, Census Tract 3011.01, N	2595	Yes	Not Designated as DA	Manorhaven village	
36059301300	360593013004	Block Group 4, Census Tract 3013, Nass	709	Yes	Not Designated as DA	Port Washington	
36059301300	360593013005	Block Group 5, Census Tract 3013, Nass	909	Yes	Not Designated as DA	Port Washington	
36059302200	360593022001	Block Group 1, Census Tract 3022, Nass	1118	Yes	Not Designated as DA	Roslyn Heights	
36059302200	360593022002	Block Group 2, Census Tract 3022, Nass	802	Yes	Not Designated as DA	Roslyn Heights	
36059302200	360593022003	Block Group 3, Census Tract 3022, Nass	929	Yes	Not Designated as DA	Roslyn Heights	
36059302200	360593022004	Block Group 4, Census Tract 3022, Nass	1033	Yes	Not Designated as DA	Roslyn Heights	
36059303900	360593039001	Block Group 1, Census Tract 3039, Nass	849	Yes	Not Designated as DA	Westbury village	
36059304100	360593041001	Block Group 1, Census Tract 3041, Nass	1323	Yes	Designated as DAC	Westbury village	Westbury village
36059304100	360593041002	Block Group 2, Census Tract 3041, Nass	2076	Yes	Designated as DAC	Westbury village	Westbury village
36059304100	360593041003	Block Group 3, Census Tract 3041, Nass	1177	Yes	Designated as DAC	Westbury village	Westbury village
36059304202	360593042021	Block Group 1, Census Tract 3042.02, N	564	Yes	Designated as DAC	New Cassel	New Cassel
36059304202	360593042022	Block Group 2, Census Tract 3042.02, N	1319	Yes	Designated as DAC	New Cassel	New Cassel
36059304202	360593042023	Block Group 3, Census Tract 3042.02, N	1710	Yes	Designated as DAC	New Cassel	New Cassel
36059304203	360593042031	Block Group 1, Census Tract 3042.03, N	1094	Yes	Designated as DAC	New Cassel	New Cassel
36059304203	360593042032	Block Group 2, Census Tract 3042.03, N	1877	Yes	Designated as DAC	New Cassel	New Cassel
36059304203	360593042033	Block Group 3, Census Tract 3042.03, N	1527	Yes	Designated as DAC	New Cassel	New Cassel
36059304203	360593042034	Block Group 4, Census Tract 3042.03, N	1161	Yes	Designated as DAC	New Cassel	New Cassel
36059304204	360593042041	Block Group 1, Census Tract 3042.04, N	1499	Yes	Designated as DAC	New Cassel	New Cassel
36059304204	360593042042	Block Group 2, Census Tract 3042.04, N	2015	Yes	Designated as DAC	New Cassel	New Cassel
36059304204	360593042043	Block Group 3, Census Tract 3042.04, N	1363	Yes	Designated as DAC	New Cassel	New Cassel
36059404902	360594049022	Block Group 2, Census Tract 4049.02, N	1472	Yes	Designated as DAC	Elmont	Elmont
36059405200	360594052001	Block Group 1, Census Tract 4052, Nass	1999	Yes	Not Designated as DA	Elmont	
36059406701	360594067011	Block Group 1, Census Tract 4067.01, N	1311	Yes	Designated as DAC	Hempstead village	Hempstead village
36059406701	360594067012	Block Group 2, Census Tract 4067.01, N	1017	Yes	Designated as DAC	Hempstead village	Hempstead village
36059406701	360594067013	Block Group 3, Census Tract 4067.01, N	1293	Yes	Designated as DAC	Hempstead village	Hempstead village
36059406702	360594067021	Block Group 1, Census Tract 4067.02, N	2902	Yes	Designated as DAC	Hempstead village	Hempstead village
36059406702	360594067022	Block Group 2, Census Tract 4067.02, N	1405	Yes	Designated as DAC	Hempstead village	Hempstead village
36059406702	360594067023	Block Group 3, Census Tract 4067.02, N	967	Yes	Designated as DAC	Hempstead village	Hempstead village
36059406801	360594068011	Block Group 1, Census Tract 4068.01, N	1658	Yes	Designated as DAC	Hempstead village	Hempstead village
36059406801	360594068012	Block Group 2, Census Tract 4068.01, N	1460	Yes	Designated as DAC	Hempstead village	Hempstead village

36063023800	360630238002	Block Group 2, Census Tract 238, Niaga	918	Yes	Designated as DAC	Lockport city	Lockport city
36063023800	360630238003	Block Group 3, Census Tract 238, Niaga	1527	Yes	Designated as DAC	Lockport city	Lockport city
36063940001	360639400011	Block Group 1, Census Tract 9400.01, N	552	Yes	Designated as DAC	Multiple municipalitie	Multiple municipalities
36063940001	360639400012	Block Group 2, Census Tract 9400.01, N	593	Yes	Designated as DAC	Multiple municipalitie	Multiple municipalities
36063940100	360639401001	Block Group 1, Census Tract 9401, Niag	0	Yes	Designated as DAC	Multiple municipalitie	Multiple municipalities
36065020102	360650201021	Block Group 1, Census Tract 201.02, On	1359	Yes	Designated as DAC	Utica city	Utica city
36065020300	360650203001	Block Group 1, Census Tract 203, Oneid	765	Yes	Designated as DAC	Utica city	Utica city
36065020300	360650203002	Block Group 2, Census Tract 203, Oneid	712	Yes	Designated as DAC	Utica city	Utica city
36065020802	360650208021	Block Group 1, Census Tract 208.02, On	1394	Yes	Designated as DAC	Utica city	Utica city
36065020802	360650208022	Block Group 2, Census Tract 208.02, On	971	Yes	Designated as DAC	Utica city	Utica city
36065020802	360650208023	Block Group 3, Census Tract 208.02, On	1127	Yes	Designated as DAC	Utica city	Utica city
36065020802	360650208024	Block Group 4, Census Tract 208.02, On	12	Yes	Designated as DAC	Utica city	Utica city
36065020802	360650208025	Block Group 5, Census Tract 208.02, On	1133	Yes	Designated as DAC	Utica city	Utica city
36065020803	360650208031	Block Group 1, Census Tract 208.03, On	889	Yes	Designated as DAC	Utica city	Utica city
36065020803	360650208032	Block Group 2, Census Tract 208.03, On	844	Yes	Designated as DAC	Utica city	Utica city
36065020803	360650208033	Block Group 3, Census Tract 208.03, On	17	Yes	Designated as DAC	Utica city	Utica city
36065020803	360650208034	Block Group 4, Census Tract 208.03, On	981	Yes	Designated as DAC	Utica city	Utica city
36065020900	360650209001	Block Group 1, Census Tract 209, Oneid	1526	Yes	Designated as DAC	Utica city	Utica city
36065020900	360650209002	Block Group 2, Census Tract 209, Oneid	645	Yes	Designated as DAC	Utica city	Utica city
36065021000	360650210001	Block Group 1, Census Tract 210, Oneid	801	Yes	Designated as DAC	Utica city	Utica city
36065021000	360650210002	Block Group 2, Census Tract 210, Oneid	1071	Yes	Designated as DAC	Utica city	Utica city
36065021103	360650211031	Block Group 1, Census Tract 211.03, On	1540	Yes	Designated as DAC	Utica city	Utica city
36065021104	360650211041	Block Group 1, Census Tract 211.04, On	1446	Yes	Not in list		
36065021104	360650211042	Block Group 2, Census Tract 211.04, On	1324	Yes	Not in list		
36065021104	360650211043	Block Group 3, Census Tract 211.04, On	1344	Yes	Not in list		
36065021201	360650212011	Block Group 1, Census Tract 212.01, On	991	Yes	Designated as DAC	Utica city	Utica city
36065021201	360650212012	Block Group 2, Census Tract 212.01, On	1311	Yes	Designated as DAC	Utica city	Utica city
36065021202	360650212021	Block Group 1, Census Tract 212.02, On	1627	Yes	Not Designated as DA	Utica city	
36065021202	360650212022	Block Group 2, Census Tract 212.02, On	1644	Yes	Not Designated as DA	Utica city	
36065021302	360650213021	Block Group 1, Census Tract 213.02, On	1431	Yes	Designated as DAC	Utica city	Utica city
36065021302	360650213023	Block Group 3, Census Tract 213.02, On	1125	Yes	Designated as DAC	Utica city	Utica city
36065021303	360650213031	Block Group 1, Census Tract 213.03, On	1237	Yes	Not Designated as DA	Utica city	
36065021401	360650214011	Block Group 1, Census Tract 214.01, On	1321	Yes	Designated as DAC	Utica city	Utica city
36065021401	360650214012	Block Group 2, Census Tract 214.01, On	651	Yes	Designated as DAC	Utica city	Utica city
36065021401	360650214013	Block Group 3, Census Tract 214.01, On	692	Yes	Designated as DAC	Utica city	Utica city
36065021402	360650214021	Block Group 1, Census Tract 214.02, On	1322	Yes	Designated as DAC	Utica city	Utica city
36065021402	360650214022	Block Group 2, Census Tract 214.02, On	706	Yes	Designated as DAC	Utica city	Utica city
36065021500	360650215001	Block Group 1, Census Tract 215, Oneid	1646	Yes	Designated as DAC	Utica city	Utica city
36065021500	360650215002	Block Group 2, Census Tract 215, Oneid	1122	Yes	Designated as DAC	Utica city	Utica city
36065021900	360650219001	Block Group 1, Census Tract 219, Oneid	921	Yes	Designated as DAC	Rome city	Rome city
36065021900	360650219002	Block Group 2, Census Tract 219, Oneid	773	Yes	Designated as DAC	Rome city	Rome city
36065022000	360650220001	Block Group 1, Census Tract 220, Oneid	1148	Yes	Designated as DAC	Rome city	Rome city
36065022000	360650220002	Block Group 2, Census Tract 220, Oneid	1274	Yes	Designated as DAC	Rome city	Rome city
36065022000	360650220003	Block Group 3, Census Tract 220, Oneid	1016	Yes	Designated as DAC	Rome city	Rome city
36065022400	360650224001	Block Group 1, Census Tract 224, Oneid	1081	Yes	Not Designated as DA	Rome city	
36065022500	360650225001	Block Group 1, Census Tract 225, Oneid	1191	Yes	Designated as DAC	Rome city	Rome city
36065022500	360650225002	Block Group 2, Census Tract 225, Oneid	965	Yes	Designated as DAC	Rome city	Rome city
36065022500	360650225003	Block Group 3, Census Tract 225, Oneid	1549	Yes	Designated as DAC	Rome city	Rome city
36065022500	360650225004	Block Group 4, Census Tract 225, Oneid	1037	Yes	Designated as DAC	Rome city	Rome city
36065022702	360650227021	Block Group 1, Census Tract 227.02, On	1395	Yes	Not Designated as DA	Rome city	
36065022800	360650228001	Block Group 1, Census Tract 228, Oneid	1466	Yes	Not Designated as DA	Rome city	
36065023000	360650230002	Block Group 2, Census Tract 230, Oneid	1143	Yes	Not Designated as DA	Westmoreland	
36065023200	360650232001	Block Group 1, Census Tract 232, Oneid	880	Yes	Not Designated as DA	Whitesboro village	
36065023200	360650232002	Block Group 2, Census Tract 232, Oneid	758	Yes	Not Designated as DA	Whitesboro village	
36065023200	360650232003	Block Group 3, Census Tract 232, Oneid	1929	Yes	Not Designated as DA	Whitesboro village	
36065023200	360650232004	Block Group 4, Census Tract 232, Oneid	663	Yes	Not Designated as DA	Whitesboro village	
36065024302	360650243021	Block Group 1, Census Tract 243.02, On	1367	Yes	Not Designated as DA	Multiple municipalitie	
36065024303	360650243031	Block Group 1, Census Tract 243.03, On	1256	Yes	Not Designated as DA	Lake Delta	
36065024400	360650244001	Block Group 1, Census Tract 244, Oneid	1473	Yes	Not Designated as DA	Multiple municipalitie	
36065024400	360650244002	Block Group 2, Census Tract 244, Oneid	1166	Yes	Not Designated as DA	Multiple municipalitie	
36065024700	360650247001	Block Group 1, Census Tract 247, Oneid	2029	Yes	Not Designated as DA	Verona	
36065024700	360650247002	Block Group 2, Census Tract 247, Oneid	1493	Yes	Not Designated as DA	Verona	
36065024700	360650247003	Block Group 3, Census Tract 247, Oneid	837	Yes	Not Designated as DA	Verona	
36065024700	360650247004	Block Group 4, Census Tract 247, Oneid	1615	Yes	Not Designated as DA	Verona	
36065024800	360650248001	Block Group 1, Census Tract 248, Oneid	935	Yes	Not Designated as DA	Sherrill city	
36065024800	360650248002	Block Group 2, Census Tract 248, Oneid	2142	Yes	Not Designated as DA	Sherrill city	
36065024900	360650249001	Block Group 1, Census Tract 249, Oneid	2174	Yes	Not Designated as DA	Vernon village	
36065024900	360650249002	Block Group 2, Census Tract 249, Oneid	1177	Yes	Not Designated as DA	Vernon village	
36065024900	360650249003	Block Group 3, Census Tract 249, Oneid	1890	Yes	Not Designated as DA	Vernon village	
36065025602	360650256021	Block Group 1, Census Tract 256.02, On	1348	Yes	Not in list		
36065025602	360650256022	Block Group 2, Census Tract 256.02, On	673	Yes	Not in list		
36065025900	360650259001	Block Group 1, Census Tract 259, Oneid	1338	Yes	Not Designated as DA	Rome city	
36065026300	360650263001	Block Group 1, Census Tract 263, Oneid	907	Yes	Designated as DAC	Rome city	Rome city
36065026300	360650263002	Block Group 2, Census Tract 263, Oneid	1151	Yes	Designated as DAC	Rome city	Rome city
36065026300	360650263003	Block Group 3, Census Tract 263, Oneid	1634	Yes	Designated as DAC	Rome city	Rome city
36065026400	360650264001	Block Group 1, Census Tract 264, Oneid	1003	Yes	Designated as DAC	Utica city	Utica city
36065026400	360650264002	Block Group 2, Census Tract 264, Oneid	1185	Yes	Designated as DAC	Utica city	Utica city
36065026400	360650264003	Block Group 3, Census Tract 264, Oneid	1448	Yes	Designated as DAC	Utica city	Utica city
36065026400	360650264004	Block Group 4, Census Tract 264, Oneid	1145	Yes	Designated as DAC	Utica city	Utica city
36065026400	360650264005	Block Group 5, Census Tract 264, Oneid	792	Yes	Designated as DAC	Utica city	Utica city
36065026501	360650265011	Block Group 1, Census Tract 265.01, On	755	Yes	Not in list		
36065026502	360650265021	Block Group 1, Census Tract 265.02, On	265	Yes	Not in list		
36065026600	360650266001	Block Group 1, Census Tract 266, Oneid	2152	Yes	Not Designated as DA	Multiple municipalitie	
36065026700	360650267000	Block Group 0, Census Tract 267, Oneid	0	Yes	Not Designated as DA	North Bay	
36065026700	360650267001	Block Group 1, Census Tract 267, Oneid	1470	Yes	Not Designated as DA	North Bay	
36065026700	360650267002	Block Group 2, Census Tract 267, Oneid	674	Yes	Not Designated as DA	North Bay	
36065026700	360650267003	Block Group 3, Census Tract 267, Oneid	2066	Yes	Not Designated as DA	North Bay	
36065026700	360650267004	Block Group 4, Census Tract 267, Oneid	1050	Yes	Not Designated as DA	North Bay	
36067000200	360670002001	Block Group 1, Census Tract 2, Onondaj	1921	Yes	Designated as DAC	Syracuse city	Syracuse city
36067000200	360670002002	Block Group 2, Census Tract 2, Onondaj	1721	Yes	Designated as DAC	Syracuse city	Syracuse city
36067000300	360670003002	Block Group 2, Census Tract 3, Onondaj	794	Yes	Not Designated as DA	Syracuse city	
36067000400	360670004002	Block Group 2, Census Tract 4, Onondaj	887	Yes	Designated as DAC	Syracuse city	Syracuse city
36067000501	360670005011	Block Group 1, Census Tract 5.01, Onor	1310	Yes	Designated as DAC	Syracuse city	Syracuse city

36067013000	360670130001	Block Group 1, Census Tract 130, Onon	1060	Yes	Not Designated as DA Solvay village		
36067013000	360670130002	Block Group 2, Census Tract 130, Onon	968	Yes	Not Designated as DA Solvay village		
36067013000	360670130003	Block Group 3, Census Tract 130, Onon	1318	Yes	Not Designated as DA Solvay village		
36067013000	360670130004	Block Group 4, Census Tract 130, Onon	791	Yes	Not Designated as DA Solvay village		
36067013600	360670136003	Block Group 3, Census Tract 136, Onon	1194	Yes	Designated as DAC	Liverpool village	Liverpool village
36067014000	360670140003	Block Group 3, Census Tract 140, Onon	670	Yes	Designated as DAC	Mattydale	Mattydale
36067014200	360670142001	Block Group 1, Census Tract 142, Onon	1362	Yes	Not Designated as DA Lyncourt		
36067014200	360670142002	Block Group 2, Census Tract 142, Onon	1567	Yes	Not Designated as DA Lyncourt		
36067014200	360670142003	Block Group 3, Census Tract 142, Onon	1386	Yes	Not Designated as DA Lyncourt		
36067014300	360670143001	Block Group 1, Census Tract 143, Onon	1167	Yes	Designated as DAC	East Syracuse village	East Syracuse village
36067014300	360670143002	Block Group 2, Census Tract 143, Onon	745	Yes	Designated as DAC	East Syracuse village	East Syracuse village
36067014300	360670143003	Block Group 3, Census Tract 143, Onon	1166	Yes	Designated as DAC	East Syracuse village	East Syracuse village
36067014400	360670144001	Block Group 1, Census Tract 144, Onon	688	Yes	Designated as DAC	Lyncourt	Lyncourt
36067014400	360670144002	Block Group 2, Census Tract 144, Onon	832	Yes	Designated as DAC	Lyncourt	Lyncourt
36067014400	360670144003	Block Group 3, Census Tract 144, Onon	908	Yes	Designated as DAC	Lyncourt	Lyncourt
36067014600	360670146001	Block Group 1, Census Tract 146, Onon	1907	Yes	Designated as DAC	De Witt	De Witt
36067014600	360670146002	Block Group 2, Census Tract 146, Onon	1703	Yes	Designated as DAC	De Witt	De Witt
36067014600	360670146003	Block Group 3, Census Tract 146, Onon	737	Yes	Designated as DAC	De Witt	De Witt
36067014600	360670146004	Block Group 4, Census Tract 146, Onon	865	Yes	Designated as DAC	De Witt	De Witt
36067940000	360679400001	Block Group 1, Census Tract 9400, Ono	831	Yes	Designated as DAC	Nedrow	Nedrow
36069051102	360690511022	Block Group 2, Census Tract 511.02, Or	713	Yes	Not in list		
36069051700	360690517001	Block Group 1, Census Tract 517, Ontar	818	Yes	Designated as DAC	Geneva city	Geneva city
36069051700	360690517002	Block Group 2, Census Tract 517, Ontar	728	Yes	Designated as DAC	Geneva city	Geneva city
36069051700	360690517003	Block Group 3, Census Tract 517, Ontar	1010	Yes	Designated as DAC	Geneva city	Geneva city
36069051801	360690518014	Block Group 4, Census Tract 518.01, Or	1886	Yes	Not in list		
36071000100	360710001003	Block Group 3, Census Tract 1, Orange	675	Yes	Designated as DAC	Newburgh city	Newburgh city
36071000100	360710001004	Block Group 4, Census Tract 1, Orange	1014	Yes	Designated as DAC	Newburgh city	Newburgh city
36071000200	360710002001	Block Group 1, Census Tract 2, Orange	1391	Yes	Designated as DAC	Newburgh city	Newburgh city
36071000200	360710002002	Block Group 2, Census Tract 2, Orange	1247	Yes	Designated as DAC	Newburgh city	Newburgh city
36071000301	360710003011	Block Group 1, Census Tract 3.01, Oran	1084	Yes	Not in list		
36071000301	360710003012	Block Group 2, Census Tract 3.01, Oran	1052	Yes	Not in list		
36071000302	360710003021	Block Group 1, Census Tract 3.02, Oran	1522	Yes	Not in list		
36071000302	360710003022	Block Group 2, Census Tract 3.02, Oran	1641	Yes	Not in list		
36071000302	360710003023	Block Group 3, Census Tract 3.02, Oran	1164	Yes	Not in list		
36071000400	360710004001	Block Group 1, Census Tract 4, Orange	1051	Yes	Designated as DAC	Newburgh city	Newburgh city
36071000400	360710004002	Block Group 2, Census Tract 4, Orange	882	Yes	Designated as DAC	Newburgh city	Newburgh city
36071000400	360710004003	Block Group 3, Census Tract 4, Orange	1032	Yes	Designated as DAC	Newburgh city	Newburgh city
36071000400	360710004004	Block Group 4, Census Tract 4, Orange	1034	Yes	Designated as DAC	Newburgh city	Newburgh city
36071000400	360710004005	Block Group 5, Census Tract 4, Orange	1087	Yes	Designated as DAC	Newburgh city	Newburgh city
36071000501	360710005011	Block Group 1, Census Tract 5.01, Oran	1686	Yes	Designated as DAC	Newburgh city	Newburgh city
36071000501	360710005012	Block Group 2, Census Tract 5.01, Oran	860	Yes	Designated as DAC	Newburgh city	Newburgh city
36071000501	360710005013	Block Group 3, Census Tract 5.01, Oran	764	Yes	Designated as DAC	Newburgh city	Newburgh city
36071000502	360710005021	Block Group 1, Census Tract 5.02, Oran	1399	Yes	Designated as DAC	Newburgh city	Newburgh city
36071000502	360710005022	Block Group 2, Census Tract 5.02, Oran	703	Yes	Designated as DAC	Newburgh city	Newburgh city
36071000502	360710005023	Block Group 3, Census Tract 5.02, Oran	1189	Yes	Designated as DAC	Newburgh city	Newburgh city
36071000502	360710005024	Block Group 4, Census Tract 5.02, Oran	917	Yes	Designated as DAC	Newburgh city	Newburgh city
36071000600	360710006001	Block Group 1, Census Tract 6, Orange	1554	Yes	Designated as DAC	Newburgh city	Newburgh city
36071000600	360710006002	Block Group 2, Census Tract 6, Orange	1540	Yes	Designated as DAC	Newburgh city	Newburgh city
36071000600	360710006003	Block Group 3, Census Tract 6, Orange	920	Yes	Designated as DAC	Newburgh city	Newburgh city
36071001100	360710011004	Block Group 4, Census Tract 11, Orange	1410	Yes	Designated as DAC	Middletown city	Middletown city
36071001200	360710012001	Block Group 1, Census Tract 12, Orange	1353	Yes	Designated as DAC	Middletown city	Middletown city
36071001200	360710012002	Block Group 2, Census Tract 12, Orange	1211	Yes	Designated as DAC	Middletown city	Middletown city
36071001500	360710015001	Block Group 1, Census Tract 15, Orange	1642	Yes	Designated as DAC	Middletown city	Middletown city
36071001500	360710015002	Block Group 2, Census Tract 15, Orange	2542	Yes	Designated as DAC	Middletown city	Middletown city
36071001500	360710015003	Block Group 3, Census Tract 15, Orange	1330	Yes	Designated as DAC	Middletown city	Middletown city
36071001602	360710016022	Block Group 2, Census Tract 16.02, Ora	830	Yes	Not in list		
36071002200	360710022001	Block Group 1, Census Tract 22, Orange	969	Yes	Designated as DAC	Port Jervis city	Port Jervis city
36071002200	360710022002	Block Group 2, Census Tract 22, Orange	1060	Yes	Designated as DAC	Port Jervis city	Port Jervis city
36071002200	360710022003	Block Group 3, Census Tract 22, Orange	1372	Yes	Designated as DAC	Port Jervis city	Port Jervis city
36071002300	360710023001	Block Group 1, Census Tract 23, Orange	1131	Yes	Designated as DAC	Port Jervis city	Port Jervis city
36071002300	360710023002	Block Group 2, Census Tract 23, Orange	988	Yes	Designated as DAC	Port Jervis city	Port Jervis city
36071011200	360710112003	Block Group 3, Census Tract 112, Orange	954	Yes	Designated as DAC	Mechanicstown	Mechanicstown
36071011301	360710113012	Block Group 2, Census Tract 113.01, Or	1698	Yes	Not in list		
36071012700	360710127004	Block Group 4, Census Tract 127, Orange	876	Yes	Designated as DAC	New Windsor	New Windsor
36071014301	360710143011	Block Group 1, Census Tract 143.01, Or	1197	Yes	Designated as DAC	Chester village	Chester village
36071015003	360710150031	Block Group 1, Census Tract 150.03, Or	1136	Yes	Not Designated as DA Kiryas Joel village		
36071015003	360710150032	Block Group 2, Census Tract 150.03, Or	5029	Yes	Not Designated as DA Kiryas Joel village		
36071015003	360710150033	Block Group 3, Census Tract 150.03, Or	2198	Yes	Not Designated as DA Kiryas Joel village		
36071015005	360710150051	Block Group 1, Census Tract 150.05, Or	4967	Yes	Not Designated as DA Kiryas Joel village		
36071015005	360710150052	Block Group 2, Census Tract 150.05, Or	2485	Yes	Not Designated as DA Kiryas Joel village		
36071015007	360710150071	Block Group 1, Census Tract 150.07, Or	2339	Yes	Not in list		
36071015007	360710150072	Block Group 2, Census Tract 150.07, Or	1327	Yes	Not in list		
36071015007	360710150073	Block Group 3, Census Tract 150.07, Or	1653	Yes	Not in list		
36071015008	360710150081	Block Group 1, Census Tract 150.08, Or	2693	Yes	Not in list		
36071015008	360710150082	Block Group 2, Census Tract 150.08, Or	1824	Yes	Not in list		
36071015009	360710150091	Block Group 1, Census Tract 150.09, Or	1612	Yes	Not in list		
36071015009	360710150092	Block Group 2, Census Tract 150.09, Or	1110	Yes	Not in list		
36071015010	360710150101	Block Group 1, Census Tract 150.10, Or	932	Yes	Not in list		
36071015010	360710150102	Block Group 2, Census Tract 150.10, Or	1911	Yes	Not in list		
36071015010	360710150103	Block Group 3, Census Tract 150.10, Or	2268	Yes	Not in list		
36071015100	360710151001	Block Group 1, Census Tract 151, Orange	1225	Yes	Designated as DAC	Middletown city	Middletown city
36071015100	360710151002	Block Group 2, Census Tract 151, Orange	689	Yes	Designated as DAC	Middletown city	Middletown city
36071015100	360710151003	Block Group 3, Census Tract 151, Orange	1072	Yes	Designated as DAC	Middletown city	Middletown city
36071015100	360710151004	Block Group 4, Census Tract 151, Orange	828	Yes	Designated as DAC	Middletown city	Middletown city
36071015100	360710151005	Block Group 5, Census Tract 151, Orange	1371	Yes	Designated as DAC	Middletown city	Middletown city
36071015100	360710151006	Block Group 6, Census Tract 151, Orange	940	Yes	Designated as DAC	Middletown city	Middletown city
36071015202	360710152023	Block Group 3, Census Tract 152.02, Or	1684	Yes	Not in list		
36073040400	360730404001	Block Group 1, Census Tract 404, Orlea	1040	Yes	Not Designated as DA Medina village		
36073040400	360730404002	Block Group 2, Census Tract 404, Orlea	928	Yes	Not Designated as DA Medina village		
36073040400	360730404003	Block Group 3, Census Tract 404, Orlea	1523	Yes	Not Designated as DA Medina village		
36073040500	360730405001	Block Group 1, Census Tract 405, Orlea	1640	Yes	Designated as DAC	Medina village	Medina village
36073040500	360730405002	Block Group 2, Census Tract 405, Orlea	970	Yes	Designated as DAC	Medina village	Medina village
36073040601	360730406011	Block Group 1, Census Tract 406.01, Or	1071	Yes	Not in list		

36073040601	360730406012	Block Group 2, Census Tract 406.01, Or	693	Yes	Not in list		
36073040602	360730406021	Block Group 1, Census Tract 406.02, Or	1472	Yes	Not in list		
36073040603	360730406031	Block Group 1, Census Tract 406.03, Or	1143	Yes	Not in list		
36073040603	360730406032	Block Group 2, Census Tract 406.03, Or	1145	Yes	Not in list		
36073040603	360730406033	Block Group 3, Census Tract 406.03, Or	1328	Yes	Not in list		
36073040701	360730407011	Block Group 1, Census Tract 407.01, Or	1326	Yes	Not in list		
36073040701	360730407012	Block Group 2, Census Tract 407.01, Or	1338	Yes	Not in list		
36073040702	360730407021	Block Group 1, Census Tract 407.02, Or	811	Yes	Not in list		
36073040702	360730407022	Block Group 2, Census Tract 407.02, Or	1276	Yes	Not in list		
36073040702	360730407023	Block Group 3, Census Tract 407.02, Or	1105	Yes	Not in list		
36073040802	360730408021	Block Group 1, Census Tract 408.02, Or	1038	Yes	Designated as DAC	Holley village	Holley village
36073040802	360730408022	Block Group 2, Census Tract 408.02, Or	1033	Yes	Designated as DAC	Holley village	Holley village
36073040802	360730408023	Block Group 3, Census Tract 408.02, Or	1461	Yes	Designated as DAC	Holley village	Holley village
36073040802	360730408024	Block Group 4, Census Tract 408.02, Or	1264	Yes	Designated as DAC	Holley village	Holley village
36073401200	360734012001	Block Group 1, Census Tract 4012, Orle	1551	Yes	Designated as DAC	Lyndonville village	Lyndonville village
36073401200	360734012002	Block Group 2, Census Tract 4012, Orle	888	Yes	Designated as DAC	Lyndonville village	Lyndonville village
36073401200	360734012003	Block Group 3, Census Tract 4012, Orle	1016	Yes	Designated as DAC	Lyndonville village	Lyndonville village
36075020101	360750201011	Block Group 1, Census Tract 201.01, Os	573	Yes	Not in list		
36075020101	360750201012	Block Group 2, Census Tract 201.01, Os	787	Yes	Not in list		
36075020101	360750201013	Block Group 3, Census Tract 201.01, Os	805	Yes	Not in list		
36075020102	360750201021	Block Group 1, Census Tract 201.02, Os	764	Yes	Not in list		
36075020102	360750201022	Block Group 2, Census Tract 201.02, Os	457	Yes	Not in list		
36075020301	360750203011	Block Group 1, Census Tract 203.01, Os	1341	Yes	Designated as DAC	Pulaski village	Pulaski village
36075020301	360750203012	Block Group 2, Census Tract 203.01, Os	845	Yes	Designated as DAC	Pulaski village	Pulaski village
36075020303	360750203031	Block Group 1, Census Tract 203.03, Os	1779	Yes	Not in list		
36075020304	360750203041	Block Group 1, Census Tract 203.04, Os	1672	Yes	Not in list		
36075020501	360750205011	Block Group 1, Census Tract 205.01, Os	900	Yes	Not in list		
36075020501	360750205012	Block Group 2, Census Tract 205.01, Os	1030	Yes	Not in list		
36075020502	360750205021	Block Group 1, Census Tract 205.02, Os	835	Yes	Not in list		
36075020502	360750205022	Block Group 2, Census Tract 205.02, Os	1746	Yes	Not in list		
36075020503	360750205031	Block Group 1, Census Tract 205.03, Os	1141	Yes	Not in list		
36075020800	360750208001	Block Group 1, Census Tract 208, Oswe	1972	Yes	Not Designated as DA Multiple municipalitie		
36075020800	360750208002	Block Group 2, Census Tract 208, Oswe	1498	Yes	Not Designated as DA Multiple municipalitie		
36075020901	360750209011	Block Group 1, Census Tract 209.01, Os	1012	Yes	Not Designated as DA Phoenix village		
36075020901	360750209012	Block Group 2, Census Tract 209.01, Os	1214	Yes	Not Designated as DA Phoenix village		
36075021001	360750210011	Block Group 1, Census Tract 210.01, Os	1248	Yes	Not in list		
36075021001	360750210012	Block Group 2, Census Tract 210.01, Os	1296	Yes	Not in list		
36075021002	360750210021	Block Group 1, Census Tract 210.02, Os	2028	Yes	Not in list		
36075021003	360750210031	Block Group 1, Census Tract 210.03, Os	1099	Yes	Not in list		
36075021101	360750211011	Block Group 1, Census Tract 211.01, Os	704	Yes	Designated as DAC	Fulton city	Fulton city
36075021101	360750211012	Block Group 2, Census Tract 211.01, Os	686	Yes	Designated as DAC	Fulton city	Fulton city
36075021101	360750211013	Block Group 3, Census Tract 211.01, Os	1147	Yes	Designated as DAC	Fulton city	Fulton city
36075021101	360750211014	Block Group 4, Census Tract 211.01, Os	1115	Yes	Designated as DAC	Fulton city	Fulton city
36075021102	360750211021	Block Group 1, Census Tract 211.02, Os	1571	Yes	Designated as DAC	Fulton city	Fulton city
36075021102	360750211022	Block Group 2, Census Tract 211.02, Os	564	Yes	Designated as DAC	Fulton city	Fulton city
36075021103	360750211031	Block Group 1, Census Tract 211.03, Os	1376	Yes	Not Designated as DA	Fulton city	
36075021103	360750211032	Block Group 2, Census Tract 211.03, Os	1565	Yes	Not Designated as DA	Fulton city	
36075021104	360750211041	Block Group 1, Census Tract 211.04, Os	822	Yes	Designated as DAC	Fulton city	Fulton city
36075021104	360750211042	Block Group 2, Census Tract 211.04, Os	857	Yes	Designated as DAC	Fulton city	Fulton city
36075021104	360750211043	Block Group 3, Census Tract 211.04, Os	982	Yes	Designated as DAC	Fulton city	Fulton city
36075021201	360750212011	Block Group 1, Census Tract 212.01, Os	1257	Yes	Not in list		
36075021202	360750212021	Block Group 1, Census Tract 212.02, Os	1491	Yes	Not in list		
36075021202	360750212022	Block Group 2, Census Tract 212.02, Os	978	Yes	Not in list		
36075021203	360750212031	Block Group 1, Census Tract 212.03, Os	2047	Yes	Not in list		
36075021203	360750212032	Block Group 2, Census Tract 212.03, Os	747	Yes	Not in list		
36075021300	360750213001	Block Group 1, Census Tract 213, Oswe	1675	Yes	Not Designated as DA Hannibal village		
36075021300	360750213002	Block Group 2, Census Tract 213, Oswe	1257	Yes	Not Designated as DA Hannibal village		
36075021300	360750213003	Block Group 3, Census Tract 213, Oswe	1593	Yes	Not Designated as DA Hannibal village		
36075021401	360750214013	Block Group 3, Census Tract 214.01, Os	387	Yes	Not Designated as DA SUNY Oswego		
36075021401	360750214014	Block Group 4, Census Tract 214.01, Os	3057	Yes	Not Designated as DA SUNY Oswego		
36075021601	360750216011	Block Group 1, Census Tract 216.01, Os	634	Yes	Designated as DAC	Oswego city	Oswego city
36075021602	360750216021	Block Group 1, Census Tract 216.02, Os	1475	Yes	Designated as DAC	Oswego city	Oswego city
36075021602	360750216022	Block Group 2, Census Tract 216.02, Os	1346	Yes	Designated as DAC	Oswego city	Oswego city
36075021604	360750216041	Block Group 1, Census Tract 216.04, Os	1484	Yes	Designated as DAC	Oswego city	Oswego city
36075021604	360750216042	Block Group 2, Census Tract 216.04, Os	1067	Yes	Designated as DAC	Oswego city	Oswego city
36075021604	360750216043	Block Group 3, Census Tract 216.04, Os	1824	Yes	Designated as DAC	Oswego city	Oswego city
36075021605	360750216051	Block Group 1, Census Tract 216.05, Os	1266	Yes	Designated as DAC	Oswego city	Oswego city
36075021605	360750216052	Block Group 2, Census Tract 216.05, Os	746	Yes	Designated as DAC	Oswego city	Oswego city
36075021605	360750216053	Block Group 3, Census Tract 216.05, Os	672	Yes	Designated as DAC	Oswego city	Oswego city
36075021605	360750216054	Block Group 4, Census Tract 216.05, Os	797	Yes	Designated as DAC	Oswego city	Oswego city
36077590500	360775905001	Block Group 1, Census Tract 5905, Otse	1084	Yes	Not Designated as DA Milford village		
36077590500	360775905002	Block Group 2, Census Tract 5905, Otse	792	Yes	Not Designated as DA Milford village		
36077590500	360775905003	Block Group 3, Census Tract 5905, Otse	951	Yes	Not Designated as DA Milford village		
36077590600	360775906001	Block Group 1, Census Tract 5906, Otse	1064	Yes	Not Designated as DA Westford		
36077590600	360775906002	Block Group 2, Census Tract 5906, Otse	804	Yes	Not Designated as DA Westford		
36077590900	360775909003	Block Group 3, Census Tract 5909, Otse	734	Yes	Not Designated as DA Oneonta city		
36077591000	360775910003	Block Group 3, Census Tract 5910, Otse	849	Yes	Not Designated as DA Oneonta city		
36077591100	360775911001	Block Group 1, Census Tract 5911, Otse	1490	Yes	Designated as DAC	Oneonta city	Oneonta city
36077591100	360775911002	Block Group 2, Census Tract 5911, Otse	1024	Yes	Designated as DAC	Oneonta city	Oneonta city
36079011801	360790118011	Block Group 1, Census Tract 118.01, Pu	1401	Yes	Not in list		
36079011801	360790118012	Block Group 2, Census Tract 118.01, Pu	1107	Yes	Not in list		
36079011802	360790118021	Block Group 1, Census Tract 118.02, Pu	962	Yes	Not in list		
36081000104	360810001041	Block Group 1, Census Tract 1.04, Quee	27	Yes	Not in list		
36081000200	360810002001	Block Group 1, Census Tract 2, Queens	1215	Yes	Designated as DAC	New York city	New York city
36081000200	360810002002	Block Group 2, Census Tract 2, Queens	1869	Yes	Designated as DAC	New York city	New York city
36081000400	360810004001	Block Group 1, Census Tract 4, Queens	1858	Yes	Designated as DAC	New York city	New York city
36081000400	360810004002	Block Group 2, Census Tract 4, Queens	1756	Yes	Designated as DAC	New York city	New York city
36081000400	360810004003	Block Group 3, Census Tract 4, Queens	1304	Yes	Designated as DAC	New York city	New York city
36081000600	360810006001	Block Group 1, Census Tract 6, Queens	1196	Yes	Designated as DAC	New York city	New York city
36081000600	360810006002	Block Group 2, Census Tract 6, Queens	1165	Yes	Designated as DAC	New York city	New York city
36081000600	360810006003	Block Group 3, Census Tract 6, Queens	1816	Yes	Designated as DAC	New York city	New York city
36081000702	360810007021	Block Group 1, Census Tract 7.02, Quee	1598	Yes	Not in list		
36081000800	360810008001	Block Group 1, Census Tract 8, Queens	1742	Yes	Not Designated as DA New York city		

36083040500	360830405001	Block Group 1, Census Tract 405, Renss	879	Yes	Designated as DAC	Troy city	Troy city
36083040500	360830405002	Block Group 2, Census Tract 405, Renss	1176	Yes	Designated as DAC	Troy city	Troy city
36083040600	360830406001	Block Group 1, Census Tract 406, Renss	631	Yes	Not Designated as DA	Troy city	
36083040600	360830406002	Block Group 2, Census Tract 406, Renss	1655	Yes	Not Designated as DA	Troy city	
36083040701	360830407011	Block Group 1, Census Tract 407.01, Re	1391	Yes	Not in list		
36083040701	360830407012	Block Group 2, Census Tract 407.01, Re	1528	Yes	Not in list		
36083040701	360830407013	Block Group 3, Census Tract 407.01, Re	867	Yes	Not in list		
36083040702	360830407021	Block Group 1, Census Tract 407.02, Re	1629	Yes	Not in list		
36083040800	360830408001	Block Group 1, Census Tract 408, Renss	779	Yes	Designated as DAC	Troy city	Troy city
36083040900	360830409001	Block Group 1, Census Tract 409, Renss	675	Yes	Designated as DAC	Troy city	Troy city
36083040900	360830409002	Block Group 2, Census Tract 409, Renss	625	Yes	Designated as DAC	Troy city	Troy city
36083040900	360830409003	Block Group 3, Census Tract 409, Renss	1088	Yes	Designated as DAC	Troy city	Troy city
36083040900	360830409004	Block Group 4, Census Tract 409, Renss	562	Yes	Designated as DAC	Troy city	Troy city
36083041000	360830410002	Block Group 2, Census Tract 410, Renss	1363	Yes	Designated as DAC	Troy city	Troy city
36083041102	360830411021	Block Group 1, Census Tract 411.02, Re	1025	Yes	Not in list		
36083041300	360830413005	Block Group 5, Census Tract 413, Renss	842	Yes	Not Designated as DA	Troy city	
36083051500	360830515001	Block Group 1, Census Tract 515, Renss	1094	Yes	Designated as DAC	Rensselaer city	Rensselaer city
36083051500	360830515002	Block Group 2, Census Tract 515, Renss	1786	Yes	Designated as DAC	Rensselaer city	Rensselaer city
36083051701	360830517011	Block Group 1, Census Tract 517.01, Re	1567	Yes	Not Designated as DA	Multiple municipalitie	
36083051701	360830517012	Block Group 2, Census Tract 517.01, Re	1928	Yes	Not Designated as DA	Multiple municipalitie	
36083051702	360830517021	Block Group 1, Census Tract 517.02, Re	1666	Yes	Not Designated as DA	Hoosick Falls village	
36083051702	360830517022	Block Group 2, Census Tract 517.02, Re	1550	Yes	Not Designated as DA	Hoosick Falls village	
36085000300	360850003001	Block Group 1, Census Tract 3, Richmor	901	Yes	Designated as DAC	New York city	New York city
36085000600	360850006000	Block Group 0, Census Tract 6, Richmor	0	Yes	Designated as DAC	New York city	New York city
36085000600	360850006001	Block Group 1, Census Tract 6, Richmor	1147	Yes	Designated as DAC	New York city	New York city
36085000600	360850006002	Block Group 2, Census Tract 6, Richmor	1712	Yes	Designated as DAC	New York city	New York city
36085000700	360850007000	Block Group 0, Census Tract 7, Richmor	0	Yes	Designated as DAC	New York city	New York city
36085000700	360850007001	Block Group 1, Census Tract 7, Richmor	1536	Yes	Designated as DAC	New York city	New York city
36085000700	360850007002	Block Group 2, Census Tract 7, Richmor	1056	Yes	Designated as DAC	New York city	New York city
36085000700	360850007003	Block Group 3, Census Tract 7, Richmor	911	Yes	Designated as DAC	New York city	New York city
36085000700	360850007004	Block Group 4, Census Tract 7, Richmor	1640	Yes	Designated as DAC	New York city	New York city
36085000800	360850008002	Block Group 2, Census Tract 8, Richmor	2158	Yes	Designated as DAC	New York city	New York city
36085000900	360850009001	Block Group 1, Census Tract 9, Richmor	1074	Yes	Designated as DAC	New York city	New York city
36085000900	360850009002	Block Group 2, Census Tract 9, Richmor	1166	Yes	Designated as DAC	New York city	New York city
36085001100	360850011001	Block Group 1, Census Tract 11, Richm	1240	Yes	Designated as DAC	New York city	New York city
36085001100	360850011002	Block Group 2, Census Tract 11, Richm	1374	Yes	Designated as DAC	New York city	New York city
36085001100	360850011003	Block Group 3, Census Tract 11, Richm	1620	Yes	Designated as DAC	New York city	New York city
36085001700	360850017001	Block Group 1, Census Tract 17, Richm	1022	Yes	Designated as DAC	New York city	New York city
36085001700	360850017002	Block Group 2, Census Tract 17, Richm	843	Yes	Designated as DAC	New York city	New York city
36085002001	360850020011	Block Group 1, Census Tract 20.01, Rich	1247	Yes	Designated as DAC	New York city	New York city
36085002001	360850020012	Block Group 2, Census Tract 20.01, Rich	1277	Yes	Designated as DAC	New York city	New York city
36085002100	360850021000	Block Group 0, Census Tract 21, Richm	0	Yes	Designated as DAC	New York city	New York city
36085002100	360850021001	Block Group 1, Census Tract 21, Richm	1138	Yes	Designated as DAC	New York city	New York city
36085002100	360850021002	Block Group 2, Census Tract 21, Richm	2196	Yes	Designated as DAC	New York city	New York city
36085002100	360850021003	Block Group 3, Census Tract 21, Richm	2133	Yes	Designated as DAC	New York city	New York city
36085002700	360850027001	Block Group 1, Census Tract 27, Richm	1235	Yes	Designated as DAC	New York city	New York city
36085002700	360850027002	Block Group 2, Census Tract 27, Richm	814	Yes	Designated as DAC	New York city	New York city
36085002900	360850029001	Block Group 1, Census Tract 29, Richm	1648	Yes	Designated as DAC	New York city	New York city
36085002900	360850029002	Block Group 2, Census Tract 29, Richm	2728	Yes	Designated as DAC	New York city	New York city
36085002900	360850029003	Block Group 3, Census Tract 29, Richm	1416	Yes	Designated as DAC	New York city	New York city
36085002900	360850029004	Block Group 4, Census Tract 29, Richm	1079	Yes	Designated as DAC	New York city	New York city
36085004001	360850040011	Block Group 1, Census Tract 40.01, Rich	1282	Yes	Not in list		
36085004001	360850040012	Block Group 2, Census Tract 40.01, Rich	1493	Yes	Not in list		
36085004002	360850040021	Block Group 1, Census Tract 40.02, Rich	1419	Yes	Not in list		
36085004002	360850040022	Block Group 2, Census Tract 40.02, Rich	1990	Yes	Not in list		
36085004003	360850040031	Block Group 1, Census Tract 40.03, Rich	1752	Yes	Not in list		
36085004003	360850040032	Block Group 2, Census Tract 40.03, Rich	1326	Yes	Not in list		
36085004003	360850040033	Block Group 3, Census Tract 40.03, Rich	1773	Yes	Not in list		
36085004004	360850040041	Block Group 1, Census Tract 40.04, Rich	1323	Yes	Not in list		
36085004004	360850040042	Block Group 2, Census Tract 40.04, Rich	1484	Yes	Not in list		
36085005000	360850050001	Block Group 1, Census Tract 50, Richm	2038	Yes	Not Designated as DA	New York city	
36085005000	360850050002	Block Group 2, Census Tract 50, Richm	1391	Yes	Not Designated as DA	New York city	
36085005000	360850050003	Block Group 3, Census Tract 50, Richm	928	Yes	Not Designated as DA	New York city	
36085006400	360850064001	Block Group 1, Census Tract 64, Richm	745	Yes	Designated as DAC	New York city	New York city
36085006400	360850064002	Block Group 2, Census Tract 64, Richm	823	Yes	Designated as DAC	New York city	New York city
36085006400	360850064003	Block Group 3, Census Tract 64, Richm	2130	Yes	Designated as DAC	New York city	New York city
36085007001	360850070011	Block Group 1, Census Tract 70.01, Rich	1368	Yes	Not in list		
36085007400	360850074000	Block Group 0, Census Tract 74, Richm	0	Yes	Not Designated as DA	New York city	
36085007400	360850074001	Block Group 1, Census Tract 74, Richm	2364	Yes	Not Designated as DA	New York city	
36085007400	360850074002	Block Group 2, Census Tract 74, Richm	2593	Yes	Not Designated as DA	New York city	
36085007400	360850074003	Block Group 3, Census Tract 74, Richm	5	Yes	Not Designated as DA	New York city	
36085007500	360850075001	Block Group 1, Census Tract 75, Richm	997	Yes	Designated as DAC	New York city	New York city
36085007500	360850075002	Block Group 2, Census Tract 75, Richm	1314	Yes	Designated as DAC	New York city	New York city
36085007500	360850075003	Block Group 3, Census Tract 75, Richm	1889	Yes	Designated as DAC	New York city	New York city
36085008100	360850081000	Block Group 0, Census Tract 81, Richm	0	Yes	Designated as DAC	New York city	New York city
36085008100	360850081001	Block Group 1, Census Tract 81, Richm	1669	Yes	Designated as DAC	New York city	New York city
36085008100	360850081002	Block Group 2, Census Tract 81, Richm	1496	Yes	Designated as DAC	New York city	New York city
36085008100	360850081003	Block Group 3, Census Tract 81, Richm	1657	Yes	Designated as DAC	New York city	New York city
36085010500	360850105004	Block Group 4, Census Tract 105, Richm	1532	Yes	Designated as DAC	New York city	New York city
36085011203	360850112031	Block Group 1, Census Tract 112.03, Ric	2151	Yes	Not in list		
36085011203	360850112032	Block Group 2, Census Tract 112.03, Ric	2170	Yes	Not in list		
36085011203	360850112033	Block Group 3, Census Tract 112.03, Ric	2470	Yes	Not in list		
36085011204	360850112040	Block Group 0, Census Tract 112.04, Ric	0	Yes	Not in list		
36085011204	360850112041	Block Group 1, Census Tract 112.04, Ric	46	Yes	Not in list		
36085011204	360850112042	Block Group 2, Census Tract 112.04, Ric	0	Yes	Not in list		
36085012805	360850128054	Block Group 4, Census Tract 128.05, Ric	27	Yes	Not Designated as DA	New York city	
36085012806	360850128063	Block Group 3, Census Tract 128.06, Ric	1981	Yes	Not Designated as DA	New York city	
36085013301	360850133011	Block Group 1, Census Tract 133.01, Ric	1631	Yes	Designated as DAC	New York city	New York city
36085013302	360850133021	Block Group 1, Census Tract 133.02, Ric	888	Yes	Designated as DAC	New York city	New York city
36085013302	360850133022	Block Group 2, Census Tract 133.02, Ric	1094	Yes	Designated as DAC	New York city	New York city
36085013302	360850133023	Block Group 3, Census Tract 133.02, Ric	1751	Yes	Designated as DAC	New York city	New York city
36085017300	360850173001	Block Group 1, Census Tract 173, Richm	1486	Yes	Designated as DAC	New York city	New York city
36085017300	360850173002	Block Group 2, Census Tract 173, Richm	1049	Yes	Designated as DAC	New York city	New York city

36085018100	360850181001	Block Group 1, Census Tract 181, Richm	836	Yes	Not Designated as DA New York city		
36085018902	360850189023	Block Group 3, Census Tract 189.02, Ri	1252	Yes	Not Designated as DA New York city		
36085020100	360850201001	Block Group 1, Census Tract 201, Richm	1814	Yes	Not Designated as DA New York city		
36085020701	360850207010	Block Group 0, Census Tract 207.01, Ri	0	Yes	Not in list		
36085020701	360850207011	Block Group 1, Census Tract 207.01, Ri	1887	Yes	Not in list		
36085020701	360850207012	Block Group 2, Census Tract 207.01, Ri	1048	Yes	Not in list		
36085020701	360850207013	Block Group 3, Census Tract 207.01, Ri	1007	Yes	Not in list		
36085020702	360850207020	Block Group 0, Census Tract 207.02, Ri	0	Yes	Not in list		
36085020702	360850207021	Block Group 1, Census Tract 207.02, Ri	903	Yes	Not in list		
36085020702	360850207022	Block Group 2, Census Tract 207.02, Ri	888	Yes	Not in list		
36085020702	360850207023	Block Group 3, Census Tract 207.02, Ri	1645	Yes	Not in list		
36085020805	360850208053	Block Group 3, Census Tract 208.05, Ri	1917	Yes	Not in list		
36085020806	360850208061	Block Group 1, Census Tract 208.06, Ri	1587	Yes	Not in list		
36085021300	360850213002	Block Group 2, Census Tract 213, Richm	950	Yes	Designated as DAC	New York city	New York city
36085021300	360850213004	Block Group 4, Census Tract 213, Richm	1270	Yes	Designated as DAC	New York city	New York city
36085021300	360850213005	Block Group 5, Census Tract 213, Richm	872	Yes	Designated as DAC	New York city	New York city
36085022300	360850223000	Block Group 0, Census Tract 223, Richm	0	Yes	Designated as DAC	New York city	New York city
36085022300	360850223001	Block Group 1, Census Tract 223, Richm	1695	Yes	Designated as DAC	New York city	New York city
36085022300	360850223002	Block Group 2, Census Tract 223, Richm	1439	Yes	Designated as DAC	New York city	New York city
36085022300	360850223003	Block Group 3, Census Tract 223, Richm	0	Yes	Designated as DAC	New York city	New York city
36085022602	360850226021	Block Group 1, Census Tract 226.02, Ri	510	Yes	Not in list		
36085023100	360850231001	Block Group 1, Census Tract 231, Richm	1886	Yes	Designated as DAC	New York city	New York city
36085023100	360850231002	Block Group 2, Census Tract 231, Richm	1267	Yes	Designated as DAC	New York city	New York city
36085023900	360850239001	Block Group 1, Census Tract 239, Richm	1990	Yes	Designated as DAC	New York city	New York city
36085023900	360850239002	Block Group 2, Census Tract 239, Richm	1615	Yes	Designated as DAC	New York city	New York city
36085024700	360850247001	Block Group 1, Census Tract 247, Richm	1416	Yes	Designated as DAC	New York city	New York city
36085027301	360850273011	Block Group 1, Census Tract 273.01, Ri	0	Yes	Not Designated as DA New York city		
36085029102	360850291020	Block Group 0, Census Tract 291.02, Ri	0	Yes	Designated as DAC	New York city	New York city
36085031901	360850319011	Block Group 1, Census Tract 319.01, Ri	2143	Yes	Designated as DAC	New York city	New York city
36085031901	360850319012	Block Group 2, Census Tract 319.01, Ri	1119	Yes	Designated as DAC	New York city	New York city
36085031902	360850319020	Block Group 0, Census Tract 319.02, Ri	0	Yes	Designated as DAC	New York city	New York city
36085031902	360850319021	Block Group 1, Census Tract 319.02, Ri	1886	Yes	Designated as DAC	New York city	New York city
36085031902	360850319022	Block Group 2, Census Tract 319.02, Ri	1782	Yes	Designated as DAC	New York city	New York city
36085031902	360850319023	Block Group 3, Census Tract 319.02, Ri	1832	Yes	Designated as DAC	New York city	New York city
36087010602	360870106021	Block Group 1, Census Tract 106.02, Ro	1693	Yes	Designated as DAC	West Haverstraw villa	West Haverstraw village
36087010602	360870106022	Block Group 2, Census Tract 106.02, Ro	1582	Yes	Designated as DAC	West Haverstraw villa	West Haverstraw village
36087010602	360870106023	Block Group 3, Census Tract 106.02, Ro	1384	Yes	Designated as DAC	West Haverstraw villa	West Haverstraw village
36087010602	360870106024	Block Group 4, Census Tract 106.02, Ro	2224	Yes	Designated as DAC	West Haverstraw villa	West Haverstraw village
36087010701	360870107011	Block Group 1, Census Tract 107.01, Ro	2040	Yes	Designated as DAC	Haverstraw village	Haverstraw village
36087010701	360870107012	Block Group 2, Census Tract 107.01, Ro	2039	Yes	Designated as DAC	Haverstraw village	Haverstraw village
36087010702	360870107021	Block Group 1, Census Tract 107.02, Ro	1348	Yes	Designated as DAC	Haverstraw village	Haverstraw village
36087010702	360870107022	Block Group 2, Census Tract 107.02, Ro	1508	Yes	Designated as DAC	Haverstraw village	Haverstraw village
36087010702	360870107023	Block Group 3, Census Tract 107.02, Ro	1531	Yes	Designated as DAC	Haverstraw village	Haverstraw village
36087010703	360870107031	Block Group 1, Census Tract 107.03, Ro	1684	Yes	Designated as DAC	Haverstraw village	Haverstraw village
36087010703	360870107032	Block Group 2, Census Tract 107.03, Ro	2173	Yes	Designated as DAC	Haverstraw village	Haverstraw village
36087011102	360870111024	Block Group 4, Census Tract 111.02, Ro	875	Yes	Designated as DAC	Valley Cottage	Valley Cottage
36087011304	360870113041	Block Group 1, Census Tract 113.04, Ro	2239	Yes	Not in list		
36087011304	360870113042	Block Group 2, Census Tract 113.04, Ro	2412	Yes	Not in list		
36087011305	360870113051	Block Group 1, Census Tract 113.05, Ro	1891	Yes	Not in list		
36087011305	360870113052	Block Group 2, Census Tract 113.05, Ro	2043	Yes	Not in list		
36087011505	360870115051	Block Group 1, Census Tract 115.05, Ro	1875	Yes	Not Designated as DA New Square village		
36087011505	360870115052	Block Group 2, Census Tract 115.05, Ro	1618	Yes	Not Designated as DA New Square village		
36087011506	360870115061	Block Group 1, Census Tract 115.06, Ro	2172	Yes	Not Designated as DA New Square village		
36087011506	360870115062	Block Group 2, Census Tract 115.06, Ro	1863	Yes	Not Designated as DA New Square village		
36087011506	360870115063	Block Group 3, Census Tract 115.06, Ro	2186	Yes	Not Designated as DA New Square village		
36087011506	360870115064	Block Group 4, Census Tract 115.06, Ro	667	Yes	Not Designated as DA New Square village		
36087011510	360870115101	Block Group 1, Census Tract 115.10, Ro	1649	Yes	Not in list		
36087011511	360870115112	Block Group 2, Census Tract 115.11, Ro	1381	Yes	Not in list		
36087011602	360870116024	Block Group 4, Census Tract 116.02, Ro	1473	Yes	Not Designated as DA Montebello village		
36087012107	360870121071	Block Group 1, Census Tract 121.07, Ro	1270	Yes	Not in list		
36087012107	360870121072	Block Group 2, Census Tract 121.07, Ro	1717	Yes	Not in list		
36087012107	360870121073	Block Group 3, Census Tract 121.07, Ro	2476	Yes	Not in list		
36087012108	360870121081	Block Group 1, Census Tract 121.08, Ro	1254	Yes	Not in list		
36087012108	360870121082	Block Group 2, Census Tract 121.08, Ro	1774	Yes	Not in list		
36087012108	360870121083	Block Group 3, Census Tract 121.08, Ro	2641	Yes	Not in list		
36087012109	360870121091	Block Group 1, Census Tract 121.09, Ro	1281	Yes	Not in list		
36087012109	360870121092	Block Group 2, Census Tract 121.09, Ro	1871	Yes	Not in list		
36087012110	360870121101	Block Group 1, Census Tract 121.10, Ro	3741	Yes	Not in list		
36087012111	360870121111	Block Group 1, Census Tract 121.11, Ro	2116	Yes	Not in list		
36087012111	360870121112	Block Group 2, Census Tract 121.11, Ro	1157	Yes	Not in list		
36087012112	360870121121	Block Group 1, Census Tract 121.12, Ro	2702	Yes	Not in list		
36087012112	360870121122	Block Group 2, Census Tract 121.12, Ro	569	Yes	Not in list		
36087012112	360870121123	Block Group 3, Census Tract 121.12, Ro	761	Yes	Not in list		
36087012113	360870121131	Block Group 1, Census Tract 121.13, Ro	2609	Yes	Not in list		
36087012113	360870121132	Block Group 2, Census Tract 121.13, Ro	1880	Yes	Not in list		
36087012114	360870121141	Block Group 1, Census Tract 121.14, Ro	2874	Yes	Not in list		
36087012115	360870121151	Block Group 1, Census Tract 121.15, Ro	1721	Yes	Not in list		
36087012116	360870121161	Block Group 1, Census Tract 121.16, Ro	1382	Yes	Not in list		
36087012116	360870121162	Block Group 2, Census Tract 121.16, Ro	1860	Yes	Not in list		
36087012203	360870122031	Block Group 1, Census Tract 122.03, Ro	1174	Yes	Not Designated as DA Spring Valley village		
36087012203	360870122032	Block Group 2, Census Tract 122.03, Ro	1187	Yes	Not Designated as DA Spring Valley village		
36087012203	360870122033	Block Group 3, Census Tract 122.03, Ro	1170	Yes	Not Designated as DA Spring Valley village		
36087012204	360870122041	Block Group 1, Census Tract 122.04, Ro	660	Yes	Not Designated as DA Spring Valley village		
36087012204	360870122042	Block Group 2, Census Tract 122.04, Ro	1327	Yes	Not Designated as DA Spring Valley village		
36087012204	360870122043	Block Group 3, Census Tract 122.04, Ro	1939	Yes	Not Designated as DA Spring Valley village		
36087012205	360870122051	Block Group 1, Census Tract 122.05, Ro	1862	Yes	Not in list		
36087012205	360870122052	Block Group 2, Census Tract 122.05, Ro	807	Yes	Not in list		
36087012206	360870122061	Block Group 1, Census Tract 122.06, Ro	1270	Yes	Not in list		
36087012206	360870122062	Block Group 2, Census Tract 122.06, Ro	823	Yes	Not in list		
36087012206	360870122063	Block Group 3, Census Tract 122.06, Ro	1041	Yes	Not in list		
36087012301	360870123011	Block Group 1, Census Tract 123.01, Ro	1668	Yes	Not in list		
36087012301	360870123012	Block Group 2, Census Tract 123.01, Ro	1789	Yes	Not in list		
36087012302	360870123021	Block Group 1, Census Tract 123.02, Ro	1792	Yes	Not in list		

36087012302	36087012302	Block Group 2, Census Tract 123.02, Ro	2021	Yes	Not in list		
36087012401	36087012401	Block Group 1, Census Tract 124.01, Ro	1451	Yes	Designated as DAC	Spring Valley village	Spring Valley village
36087012401	36087012401	Block Group 2, Census Tract 124.01, Ro	2196	Yes	Designated as DAC	Spring Valley village	Spring Valley village
36087012401	36087012401	Block Group 3, Census Tract 124.01, Ro	1660	Yes	Designated as DAC	Spring Valley village	Spring Valley village
36087012403	36087012403	Block Group 1, Census Tract 124.03, Ro	1287	Yes	Not in list		
36087012403	36087012403	Block Group 2, Census Tract 124.03, Ro	1211	Yes	Not in list		
36087012404	36087012404	Block Group 1, Census Tract 124.04, Ro	796	Yes	Not in list		
36087012404	36087012404	Block Group 2, Census Tract 124.04, Ro	1755	Yes	Not in list		
36087012503	36087012503	Block Group 1, Census Tract 125.03, Ro	795	Yes	Not in list		
36087013003	36087013003	Block Group 3, Census Tract 130.03, Ro	1405	Yes	Not Designated as DA	Orangeburg	
36089490100	36089490100	Block Group 1, Census Tract 4901, St. L	749	Yes	Designated as DAC	Massena village	Massena village
36089490100	36089490100	Block Group 2, Census Tract 4901, St. L	1149	Yes	Designated as DAC	Massena village	Massena village
36089490100	36089490100	Block Group 3, Census Tract 4901, St. L	575	Yes	Designated as DAC	Massena village	Massena village
36089490100	36089490100	Block Group 4, Census Tract 4901, St. L	858	Yes	Designated as DAC	Massena village	Massena village
36089490200	36089490200	Block Group 5, Census Tract 4902, St. L	635	Yes	Not Designated as DA	Massena village	
36089490300	36089490300	Block Group 1, Census Tract 4903, St. L	725	Yes	Designated as DAC	Akwesasne	Akwesasne
36089490300	36089490300	Block Group 2, Census Tract 4903, St. L	868	Yes	Designated as DAC	Akwesasne	Akwesasne
36089490300	36089490300	Block Group 3, Census Tract 4903, St. L	886	Yes	Designated as DAC	Akwesasne	Akwesasne
36089490300	36089490300	Block Group 4, Census Tract 4903, St. L	719	Yes	Designated as DAC	Akwesasne	Akwesasne
36089490300	36089490300	Block Group 5, Census Tract 4903, St. L	1098	Yes	Designated as DAC	Akwesasne	Akwesasne
36089490300	36089490300	Block Group 6, Census Tract 4903, St. L	1173	Yes	Designated as DAC	Akwesasne	Akwesasne
36089490600	36089490600	Block Group 1, Census Tract 4906, St. L	1082	Yes	Not Designated as DA	Norfolk	
36089490600	36089490600	Block Group 2, Census Tract 4906, St. L	1285	Yes	Not Designated as DA	Norfolk	
36089490600	36089490600	Block Group 3, Census Tract 4906, St. L	1202	Yes	Not Designated as DA	Norfolk	
36089490600	36089490600	Block Group 4, Census Tract 4906, St. L	884	Yes	Not Designated as DA	Norfolk	
36089490800	36089490800	Block Group 3, Census Tract 4908, St. L	1219	Yes	Not Designated as DA	Potsdam village	
36089491100	36089491100	Block Group 1, Census Tract 4911, St. L	2248	Yes	Not Designated as DA	Potsdam village	
36089491400	36089491400	Block Group 4, Census Tract 4914, St. L	1246	Yes	Designated as DAC	Ogdensburg city	Ogdensburg city
36089491500	36089491500	Block Group 2, Census Tract 4915, St. L	660	Yes	Designated as DAC	Ogdensburg city	Ogdensburg city
36089491600	36089491600	Block Group 1, Census Tract 4916, St. L	678	Yes	Designated as DAC	Ogdensburg city	Ogdensburg city
36089491600	36089491600	Block Group 2, Census Tract 4916, St. L	740	Yes	Designated as DAC	Ogdensburg city	Ogdensburg city
36089491600	36089491600	Block Group 3, Census Tract 4916, St. L	632	Yes	Designated as DAC	Ogdensburg city	Ogdensburg city
36089491800	36089491800	Block Group 1, Census Tract 4918, St. L	1718	Yes	Not Designated as DA	DeKalb Junction	
36089491800	36089491800	Block Group 2, Census Tract 4918, St. L	1680	Yes	Not Designated as DA	DeKalb Junction	
36089491800	36089491800	Block Group 3, Census Tract 4918, St. L	1074	Yes	Not Designated as DA	DeKalb Junction	
36089492401	36089492401	Block Group 1, Census Tract 4924.01, S	825	Yes	Not in list		
36089492401	36089492401	Block Group 2, Census Tract 4924.01, S	1342	Yes	Not in list		
36089492501	36089492501	Block Group 1, Census Tract 4925.01, S	981	Yes	Not in list		
36089492501	36089492501	Block Group 2, Census Tract 4925.01, S	329	Yes	Not in list		
36089492501	36089492501	Block Group 3, Census Tract 4925.01, S	775	Yes	Not in list		
36089492600	36089492600	Block Group 1, Census Tract 4926, St. L	1498	Yes	Not Designated as DA	Haillesboro	
36089492600	36089492600	Block Group 2, Census Tract 4926, St. L	1204	Yes	Not Designated as DA	Haillesboro	
36089492600	36089492600	Block Group 3, Census Tract 4926, St. L	1683	Yes	Not Designated as DA	Haillesboro	
36089492600	36089492600	Block Group 4, Census Tract 4926, St. L	1428	Yes	Not Designated as DA	Haillesboro	
36089492700	36089492700	Block Group 1, Census Tract 4927, St. L	862	Yes	Not Designated as DA	Gouverneur village	
36089492700	36089492700	Block Group 2, Census Tract 4927, St. L	653	Yes	Not Designated as DA	Gouverneur village	
36089492700	36089492700	Block Group 3, Census Tract 4927, St. L	768	Yes	Not Designated as DA	Gouverneur village	
36089492700	36089492700	Block Group 4, Census Tract 4927, St. L	534	Yes	Not Designated as DA	Gouverneur village	
36089492700	36089492700	Block Group 5, Census Tract 4927, St. L	591	Yes	Not Designated as DA	Gouverneur village	
36089492700	36089492700	Block Group 6, Census Tract 4927, St. L	545	Yes	Not Designated as DA	Gouverneur village	
36089492700	36089492700	Block Group 7, Census Tract 4927, St. L	1781	Yes	Not Designated as DA	Gouverneur village	
36089492700	36089492700	Block Group 8, Census Tract 4927, St. L	817	Yes	Not Designated as DA	Gouverneur village	
36089492800	36089492800	Block Group 1, Census Tract 4928, St. L	925	Yes	Not Designated as DA	Morristown village	
36089492800	36089492800	Block Group 2, Census Tract 4928, St. L	797	Yes	Not Designated as DA	Morristown village	
36089492800	36089492800	Block Group 3, Census Tract 4928, St. L	627	Yes	Not Designated as DA	Morristown village	
36089492800	36089492800	Block Group 4, Census Tract 4928, St. L	645	Yes	Not Designated as DA	Morristown village	
36089492900	36089492900	Block Group 1, Census Tract 4929, St. L	799	Yes	Designated as DAC	Hammond village	Hammond village
36089492900	36089492900	Block Group 2, Census Tract 4929, St. L	743	Yes	Designated as DAC	Hammond village	Hammond village
36089492900	36089492900	Block Group 3, Census Tract 4929, St. L	515	Yes	Designated as DAC	Hammond village	Hammond village
36089493000	36089493000	Block Group 1, Census Tract 4930, St. L	302	Yes	Not in list		
36089493000	36089493000	Block Group 2, Census Tract 4930, St. L	653	Yes	Not in list		
36091060200	36091060200	Block Group 1, Census Tract 602, Sarat	1416	Yes	Not Designated as DA	South Glens Falls villa	
36091060200	36091060200	Block Group 2, Census Tract 602, Sarat	820	Yes	Not Designated as DA	South Glens Falls villa	
36091060200	36091060200	Block Group 3, Census Tract 602, Sarat	1508	Yes	Not Designated as DA	South Glens Falls villa	
36091060400	36091060400	Block Group 1, Census Tract 604, Sarat	1271	Yes	Not Designated as DA	Corinth village	
36091060400	36091060400	Block Group 2, Census Tract 604, Sarat	990	Yes	Not Designated as DA	Corinth village	
36091060400	36091060400	Block Group 3, Census Tract 604, Sarat	301	Yes	Not Designated as DA	Corinth village	
36091061002	36091061002	Block Group 2, Census Tract 610.02, Sai	640	Yes	Not in list		
36091061101	36091061101	Block Group 1, Census Tract 611.01, Sai	357	Yes	Not in list		
36091061303	36091061303	Block Group 1, Census Tract 613.03, Sai	2123	Yes	Not Designated as DA	Saratoga Springs city	
36091062300	36091062300	Block Group 1, Census Tract 623, Sarat	709	Yes	Not Designated as DA	Mechanicville city	
36091062300	36091062300	Block Group 2, Census Tract 623, Sarat	1337	Yes	Not Designated as DA	Mechanicville city	
36093020102	36093020102	Block Group 1, Census Tract 201.02, Sc	970	Yes	Not Designated as DA	Schenectady city	
36093020102	36093020102	Block Group 2, Census Tract 201.02, Sc	1635	Yes	Not Designated as DA	Schenectady city	
36093020200	36093020200	Block Group 1, Census Tract 202, Schen	870	Yes	Designated as DAC	Schenectady city	Schenectady city
36093020200	36093020200	Block Group 2, Census Tract 202, Schen	1969	Yes	Designated as DAC	Schenectady city	Schenectady city
36093020300	36093020300	Block Group 1, Census Tract 203, Schen	905	Yes	Designated as DAC	Schenectady city	Schenectady city
36093020300	36093020300	Block Group 2, Census Tract 203, Schen	866	Yes	Designated as DAC	Schenectady city	Schenectady city
36093020700	36093020700	Block Group 1, Census Tract 207, Schen	664	Yes	Designated as DAC	Schenectady city	Schenectady city
36093020700	36093020700	Block Group 2, Census Tract 207, Schen	917	Yes	Designated as DAC	Schenectady city	Schenectady city
36093020700	36093020700	Block Group 3, Census Tract 207, Schen	1066	Yes	Designated as DAC	Schenectady city	Schenectady city
36093020700	36093020700	Block Group 4, Census Tract 207, Schen	1062	Yes	Designated as DAC	Schenectady city	Schenectady city
36093020700	36093020700	Block Group 5, Census Tract 207, Schen	1909	Yes	Designated as DAC	Schenectady city	Schenectady city
36093020800	36093020800	Block Group 1, Census Tract 208, Schen	957	Yes	Designated as DAC	Schenectady city	Schenectady city
36093020800	36093020800	Block Group 2, Census Tract 208, Schen	1100	Yes	Designated as DAC	Schenectady city	Schenectady city
36093020800	36093020800	Block Group 3, Census Tract 208, Schen	933	Yes	Designated as DAC	Schenectady city	Schenectady city
36093020800	36093020800	Block Group 4, Census Tract 208, Schen	953	Yes	Designated as DAC	Schenectady city	Schenectady city
36093020900	36093020900	Block Group 1, Census Tract 209, Schen	989	Yes	Designated as DAC	Schenectady city	Schenectady city
36093020900	36093020900	Block Group 2, Census Tract 209, Schen	1036	Yes	Designated as DAC	Schenectady city	Schenectady city
36093020900	36093020900	Block Group 3, Census Tract 209, Schen	668	Yes	Designated as DAC	Schenectady city	Schenectady city
36093020900	36093020900	Block Group 4, Census Tract 209, Schen	1074	Yes	Designated as DAC	Schenectady city	Schenectady city
36093021001	36093021001	Block Group 1, Census Tract 210.01, Sc	926	Yes	Designated as DAC	Schenectady city	Schenectady city
36093021002	36093021002	Block Group 1, Census Tract 210.02, Sc	681	Yes	Designated as DAC	Schenectady city	Schenectady city

36101962000	361019620005	Block Group 5, Census Tract 9620, Steu	851	Yes	Not Designated as DA Multiple municipalitie		
36101962100	361019621001	Block Group 1, Census Tract 9621, Steu	1665	Yes	Not Designated as DA Multiple municipalitie		
36101962100	361019621002	Block Group 2, Census Tract 9621, Steu	1390	Yes	Not Designated as DA Multiple municipalitie		
36101962200	361019622001	Block Group 1, Census Tract 9622, Steu	1253	Yes	Not Designated as DA Addison village		
36101962200	361019622002	Block Group 2, Census Tract 9622, Steu	1144	Yes	Not Designated as DA Addison village		
36101962500	361019625001	Block Group 1, Census Tract 9625, Steu	1147	Yes	Not Designated as DA Corning city		
36101962500	361019625002	Block Group 2, Census Tract 9625, Steu	1160	Yes	Not Designated as DA Corning city		
36103110902	361031109022	Block Group 2, Census Tract 1109.02, S	1636	Yes	Not Designated as DA Huntington Station		
36103111002	361031110021	Block Group 1, Census Tract 1110.02, S	1553	Yes	Not Designated as DA Huntington Station		
36103111002	361031110022	Block Group 2, Census Tract 1110.02, S	915	Yes	Not Designated as DA Huntington Station		
36103111002	361031110023	Block Group 3, Census Tract 1110.02, S	1832	Yes	Not Designated as DA Huntington Station		
36103111002	361031110024	Block Group 4, Census Tract 1110.02, S	1602	Yes	Not Designated as DA Huntington Station		
36103111102	361031111021	Block Group 1, Census Tract 1111.02, S	875	Yes	Not in list		
36103111102	361031111022	Block Group 2, Census Tract 1111.02, S	1699	Yes	Not in list		
36103111103	361031111031	Block Group 1, Census Tract 1111.03, S	1849	Yes	Not in list		
36103111201	361031112011	Block Group 1, Census Tract 1112.01, S	1533	Yes	Not Designated as DA Huntington Station		
36103111202	361031112021	Block Group 1, Census Tract 1112.02, S	1179	Yes	Not Designated as DA Huntington Station		
36103111503	361031115033	Block Group 3, Census Tract 1115.03, S	1039	Yes	Not Designated as DA Greenlawn		
36103112216	361031122162	Block Group 2, Census Tract 1122.16, S	1330	Yes	Not in list		
36103122406	361031224061	Block Group 1, Census Tract 1224.06, S	1125	Yes	Designated as DAC	Wyandanch	Wyandanch
36103122406	361031224062	Block Group 2, Census Tract 1224.06, S	1894	Yes	Designated as DAC	Wyandanch	Wyandanch
36103122406	361031224064	Block Group 4, Census Tract 1224.06, S	1722	Yes	Designated as DAC	Wyandanch	Wyandanch
36103122408	361031224083	Block Group 3, Census Tract 1224.08, S	49	Yes	Not in list		
36103122501	361031225011	Block Group 1, Census Tract 1225.01, S	2644	Yes	Designated as DAC	Wyandanch	Wyandanch
36103122501	361031225012	Block Group 2, Census Tract 1225.01, S	1465	Yes	Designated as DAC	Wyandanch	Wyandanch
36103122501	361031225013	Block Group 3, Census Tract 1225.01, S	679	Yes	Designated as DAC	Wyandanch	Wyandanch
36103123303	361031233033	Block Group 3, Census Tract 1233.03, S	1682	Yes	Not in list		
36103123500	361031235005	Block Group 5, Census Tract 1235, Suffe	1533	Yes	Not Designated as DA Amityville village		
36103123703	361031237033	Block Group 3, Census Tract 1237.03, S	910	Yes	Not in list		
36103123704	361031237041	Block Group 1, Census Tract 1237.04, S	1751	Yes	Not in list		
36103124200	361031242003	Block Group 3, Census Tract 1242, Suffe	664	Yes	Not Designated as DA Lindenhurst village		
36103145601	361031456011	Block Group 1, Census Tract 1456.01, S	1195	Yes	Not in list		
36103145601	361031456012	Block Group 2, Census Tract 1456.01, S	1505	Yes	Not in list		
36103145601	361031456013	Block Group 3, Census Tract 1456.01, S	1556	Yes	Not in list		
36103145601	361031456014	Block Group 4, Census Tract 1456.01, S	1747	Yes	Not in list		
36103145602	361031456021	Block Group 1, Census Tract 1456.02, S	2144	Yes	Not Designated as DA Brentwood		
36103145602	361031456022	Block Group 2, Census Tract 1456.02, S	1520	Yes	Not Designated as DA Brentwood		
36103145603	361031456031	Block Group 1, Census Tract 1456.03, S	2714	Yes	Designated as DAC	Brentwood	Brentwood
36103145603	361031456032	Block Group 2, Census Tract 1456.03, S	2921	Yes	Designated as DAC	Brentwood	Brentwood
36103145603	361031456033	Block Group 3, Census Tract 1456.03, S	1376	Yes	Designated as DAC	Brentwood	Brentwood
36103145604	361031456041	Block Group 1, Census Tract 1456.04, S	1917	Yes	Designated as DAC	Brentwood	Brentwood
36103145604	361031456042	Block Group 2, Census Tract 1456.04, S	1132	Yes	Designated as DAC	Brentwood	Brentwood
36103145604	361031456043	Block Group 3, Census Tract 1456.04, S	2030	Yes	Designated as DAC	Brentwood	Brentwood
36103145605	361031456051	Block Group 1, Census Tract 1456.05, S	1945	Yes	Designated as DAC	Brentwood	Brentwood
36103145605	361031456052	Block Group 2, Census Tract 1456.05, S	1924	Yes	Designated as DAC	Brentwood	Brentwood
36103145702	361031457023	Block Group 3, Census Tract 1457.02, S	2834	Yes	Not Designated as DA Brentwood		
36103145703	361031457033	Block Group 3, Census Tract 1457.03, S	2669	Yes	Designated as DAC	Central Islip	Central Islip
36103145904	361031459041	Block Group 1, Census Tract 1459.04, S	2484	Yes	Not in list		
36103145904	361031459042	Block Group 2, Census Tract 1459.04, S	2095	Yes	Not in list		
36103145905	361031459051	Block Group 1, Census Tract 1459.05, S	1271	Yes	Not in list		
36103145905	361031459052	Block Group 2, Census Tract 1459.05, S	1812	Yes	Not in list		
36103145905	361031459053	Block Group 3, Census Tract 1459.05, S	1460	Yes	Not in list		
36103146001	361031460011	Block Group 1, Census Tract 1460.01, S	1525	Yes	Not Designated as DA Brentwood		
36103146001	361031460012	Block Group 2, Census Tract 1460.01, S	1329	Yes	Not Designated as DA Brentwood		
36103146102	361031461022	Block Group 2, Census Tract 1461.02, S	1357	Yes	Not Designated as DA North Bay Shore		
36103146105	361031461051	Block Group 1, Census Tract 1461.05, S	1849	Yes	Not Designated as DA Brentwood		
36103146105	361031461052	Block Group 2, Census Tract 1461.05, S	2732	Yes	Not Designated as DA Brentwood		
36103146105	361031461053	Block Group 3, Census Tract 1461.05, S	2713	Yes	Not Designated as DA Brentwood		
36103146106	361031461061	Block Group 1, Census Tract 1461.06, S	1905	Yes	Not Designated as DA Brentwood		
36103146106	361031461062	Block Group 2, Census Tract 1461.06, S	2856	Yes	Not Designated as DA Brentwood		
36103146201	361031462011	Block Group 1, Census Tract 1462.01, S	2662	Yes	Not Designated as DA Brentwood		
36103146201	361031462012	Block Group 2, Census Tract 1462.01, S	2475	Yes	Not Designated as DA Brentwood		
36103146202	361031462021	Block Group 1, Census Tract 1462.02, S	1736	Yes	Not Designated as DA Central Islip		
36103146202	361031462022	Block Group 2, Census Tract 1462.02, S	1848	Yes	Not Designated as DA Central Islip		
36103146202	361031462023	Block Group 3, Census Tract 1462.02, S	1463	Yes	Not Designated as DA Central Islip		
36103146203	361031462031	Block Group 1, Census Tract 1462.03, S	1962	Yes	Designated as DAC	Central Islip	Central Islip
36103146203	361031462032	Block Group 2, Census Tract 1462.03, S	1394	Yes	Designated as DAC	Central Islip	Central Islip
36103146203	361031462033	Block Group 3, Census Tract 1462.03, S	2671	Yes	Designated as DAC	Central Islip	Central Islip
36103146204	361031462041	Block Group 1, Census Tract 1462.04, S	2126	Yes	Not Designated as DA Brentwood		
36103146204	361031462042	Block Group 2, Census Tract 1462.04, S	1495	Yes	Not Designated as DA Brentwood		
36103146204	361031462043	Block Group 3, Census Tract 1462.04, S	2966	Yes	Not Designated as DA Brentwood		
36103146403	361031464031	Block Group 1, Census Tract 1464.03, S	2941	Yes	Designated as DAC	Central Islip	Central Islip
36103146403	361031464032	Block Group 2, Census Tract 1464.03, S	2904	Yes	Designated as DAC	Central Islip	Central Islip
36103147301	361031473012	Block Group 2, Census Tract 1473.01, S	1445	Yes	Not in list		
36103158407	361031584074	Block Group 4, Census Tract 1584.07, S	1510	Yes	Not Designated as DA Rocky Point		
36103158713	361031587131	Block Group 1, Census Tract 1587.13, S	2309	Yes	Not in list		
36103158901	361031589012	Block Group 2, Census Tract 1589.01, S	1224	Yes	Not in list		
36103159103	361031591031	Block Group 1, Census Tract 1591.03, S	2093	Yes	Designated as DAC	Brookhaven	Brookhaven
36103159103	361031591032	Block Group 2, Census Tract 1591.03, S	2022	Yes	Designated as DAC	Brookhaven	Brookhaven
36103159103	361031591033	Block Group 3, Census Tract 1591.03, S	1465	Yes	Designated as DAC	Brookhaven	Brookhaven
36103159103	361031591034	Block Group 4, Census Tract 1591.03, S	712	Yes	Designated as DAC	Brookhaven	Brookhaven
36103159110	361031591103	Block Group 3, Census Tract 1591.10, S	867	Yes	Not in list		
36103159410	361031594104	Block Group 4, Census Tract 1594.10, S	1241	Yes	Not Designated as DA Manorville		
36103159416	361031594162	Block Group 2, Census Tract 1594.16, S	915	Yes	Not in list		
36103159510	361031595101	Block Group 1, Census Tract 1595.10, S	334	Yes	Not Designated as DA Fire Island		
36103159510	361031595102	Block Group 2, Census Tract 1595.10, S	25	Yes	Not Designated as DA Fire Island		
36103159517	361031595171	Block Group 1, Census Tract 1595.17, S	2023	Yes	Not in list		
36103159518	361031595181	Block Group 1, Census Tract 1595.18, S	2421	Yes	Not in list		
36103169705	361031697052	Block Group 2, Census Tract 1697.05, S	936	Yes	Not in list		
36103169800	361031698001	Block Group 1, Census Tract 1698, Suffe	2195	Yes	Designated as DAC	Riverhead	Riverhead
36103169800	361031698002	Block Group 2, Census Tract 1698, Suffe	1307	Yes	Designated as DAC	Riverhead	Riverhead
36103169800	361031698003	Block Group 3, Census Tract 1698, Suffe	1835	Yes	Designated as DAC	Riverhead	Riverhead
36103169800	361031698004	Block Group 4, Census Tract 1698, Suffe	1733	Yes	Designated as DAC	Riverhead	Riverhead

36103169904	36103169904	Block Group 2, Census Tract 1699.04, S	890	Yes	Not in list		
36103169905	36103169905	Block Group 1, Census Tract 1699.05, S	654	Yes	Not in list		
36103170101	36103170101	Block Group 1, Census Tract 1701.01, S	1479	Yes	Designated as DAC	Greenport village	Greenport village
36103170101	36103170101	Block Group 2, Census Tract 1701.01, S	1104	Yes	Designated as DAC	Greenport village	Greenport village
36103170204	36103170204	Block Group 1, Census Tract 1702.04, S	1362	Yes	Not in list		
36103170204	36103170204	Block Group 2, Census Tract 1702.04, S	1351	Yes	Not in list		
36103190404	36103190404	Block Group 1, Census Tract 1904.04, S	2284	Yes	Not in list		
36103190404	36103190404	Block Group 2, Census Tract 1904.04, S	598	Yes	Not in list		
36103190404	36103190404	Block Group 3, Census Tract 1904.04, S	763	Yes	Not in list		
36103190405	36103190405	Block Group 1, Census Tract 1904.05, S	1274	Yes	Not in list		
36103190405	36103190405	Block Group 2, Census Tract 1904.05, S	1366	Yes	Not in list		
36103190405	36103190405	Block Group 3, Census Tract 1904.05, S	2457	Yes	Not in list		
36103190603	36103190603	Block Group 1, Census Tract 1906.03, S	1647	Yes	Not Designated as DA Hampton Bays		
36103190603	36103190603	Block Group 2, Census Tract 1906.03, S	736	Yes	Not Designated as DA Hampton Bays		
36103190603	36103190603	Block Group 3, Census Tract 1906.03, S	706	Yes	Not Designated as DA Hampton Bays		
36103190603	36103190603	Block Group 4, Census Tract 1906.03, S	2112	Yes	Not Designated as DA Hampton Bays		
36103190606	36103190606	Block Group 2, Census Tract 1906.06, S	687	Yes	Not in list		
36103190709	36103190709	Block Group 1, Census Tract 1907.09, S	819	Yes	Not in list		
36103190711	36103190711	Block Group 2, Census Tract 1907.11, S	711	Yes	Not in list		
36103201009	36103201009	Block Group 1, Census Tract 2010.09, S	1461	Yes	Not in list		
36103201200	36103201200	Block Group 1, Census Tract 2012, Suff	560	Yes	Not in list		
36105950500	36105950500	Block Group 1, Census Tract 9505, Sulli	747	Yes	Designated as DAC	Liberty village	Liberty village
36105950701	36105950701	Block Group 1, Census Tract 9507.01, S	785	Yes	Not in list		
36105950701	36105950701	Block Group 2, Census Tract 9507.01, S	910	Yes	Not in list		
36105950701	36105950701	Block Group 3, Census Tract 9507.01, S	652	Yes	Not in list		
36105950701	36105950701	Block Group 4, Census Tract 9507.01, S	868	Yes	Not in list		
36105950900	36105950900	Block Group 1, Census Tract 9509, Sulli	669	Yes	Designated as DAC	South Fallsburg	South Fallsburg
36105950900	36105950900	Block Group 2, Census Tract 9509, Sulli	843	Yes	Designated as DAC	South Fallsburg	South Fallsburg
36105950900	36105950900	Block Group 3, Census Tract 9509, Sulli	2006	Yes	Designated as DAC	South Fallsburg	South Fallsburg
36105951000	36105951000	Block Group 1, Census Tract 9510, Sulli	1038	Yes	Designated as DAC	South Fallsburg	South Fallsburg
36105951000	36105951000	Block Group 2, Census Tract 9510, Sulli	695	Yes	Designated as DAC	South Fallsburg	South Fallsburg
36105951000	36105951000	Block Group 3, Census Tract 9510, Sulli	582	Yes	Designated as DAC	South Fallsburg	South Fallsburg
36105951500	36105951500	Block Group 1, Census Tract 9515, Sulli	1049	Yes	Designated as DAC	Kiamesha Lake	Kiamesha Lake
36105951500	36105951500	Block Group 2, Census Tract 9515, Sulli	994	Yes	Designated as DAC	Kiamesha Lake	Kiamesha Lake
36105951500	36105951500	Block Group 3, Census Tract 9515, Sulli	855	Yes	Designated as DAC	Kiamesha Lake	Kiamesha Lake
36105951801	36105951801	Block Group 1, Census Tract 9518.01, S	784	Yes	Not in list		
36105951801	36105951801	Block Group 2, Census Tract 9518.01, S	1162	Yes	Not in list		
36105951801	36105951801	Block Group 3, Census Tract 9518.01, S	691	Yes	Not in list		
36105951801	36105951801	Block Group 4, Census Tract 9518.01, S	371	Yes	Not in list		
36105951802	36105951802	Block Group 1, Census Tract 9518.02, S	552	Yes	Not in list		
36105951802	36105951802	Block Group 2, Census Tract 9518.02, S	1002	Yes	Not in list		
36105951802	36105951802	Block Group 3, Census Tract 9518.02, S	600	Yes	Not in list		
36105951802	36105951802	Block Group 4, Census Tract 9518.02, S	669	Yes	Not in list		
36105951802	36105951802	Block Group 5, Census Tract 9518.02, S	978	Yes	Not in list		
36105952200	36105952200	Block Group 1, Census Tract 9522, Sulli	798	Yes	Not Designated as DA Lake Huntington		
36105952200	36105952200	Block Group 2, Census Tract 9522, Sulli	650	Yes	Not Designated as DA Lake Huntington		
36105952300	36105952300	Block Group 1, Census Tract 9523, Sulli	707	Yes	Not Designated as DA Narrowsburg		
36105952300	36105952300	Block Group 2, Census Tract 9523, Sulli	698	Yes	Not Designated as DA Narrowsburg		
36107020500	36107020500	Block Group 1, Census Tract 205, Tioga	771	Yes	Designated as DAC	Owego village	Owego village
36107020500	36107020500	Block Group 2, Census Tract 205, Tioga	982	Yes	Designated as DAC	Owego village	Owego village
36107020500	36107020500	Block Group 3, Census Tract 205, Tioga	871	Yes	Designated as DAC	Owego village	Owego village
36107020500	36107020500	Block Group 4, Census Tract 205, Tioga	1030	Yes	Designated as DAC	Owego village	Owego village
36107020703	36107020703	Block Group 1, Census Tract 207.03, Tic	971	Yes	Designated as DAC	Waverly village	Waverly village
36107020703	36107020703	Block Group 2, Census Tract 207.03, Tic	1417	Yes	Designated as DAC	Waverly village	Waverly village
36107020703	36107020703	Block Group 3, Census Tract 207.03, Tic	1151	Yes	Designated as DAC	Waverly village	Waverly village
36107020703	36107020703	Block Group 4, Census Tract 207.03, Tic	778	Yes	Designated as DAC	Waverly village	Waverly village
36109000201	36109000201	Block Group 1, Census Tract 2.01, Tomp	1563	Yes	Not in list		
36109000201	36109000201	Block Group 2, Census Tract 2.01, Tomp	1774	Yes	Not in list		
36109000202	36109000202	Block Group 1, Census Tract 2.02, Tomp	1890	Yes	Not in list		
36111951400	36111951400	Block Group 1, Census Tract 9514, Ulste	1057	Yes	Designated as DAC	Lincoln Park	Lincoln Park
36111951400	36111951400	Block Group 2, Census Tract 9514, Ulste	1380	Yes	Designated as DAC	Lincoln Park	Lincoln Park
36111951400	36111951400	Block Group 3, Census Tract 9514, Ulste	1203	Yes	Designated as DAC	Lincoln Park	Lincoln Park
36111951700	36111951700	Block Group 1, Census Tract 9517, Ulste	764	Yes	Designated as DAC	Kingston city	Kingston city
36111951700	36111951700	Block Group 2, Census Tract 9517, Ulste	1283	Yes	Designated as DAC	Kingston city	Kingston city
36111951700	36111951700	Block Group 3, Census Tract 9517, Ulste	760	Yes	Designated as DAC	Kingston city	Kingston city
36111951700	36111951700	Block Group 4, Census Tract 9517, Ulste	734	Yes	Designated as DAC	Kingston city	Kingston city
36111951700	36111951700	Block Group 5, Census Tract 9517, Ulste	1171	Yes	Designated as DAC	Kingston city	Kingston city
36111951800	36111951800	Block Group 1, Census Tract 9518, Ulste	1839	Yes	Designated as DAC	Kingston city	Kingston city
36111951900	36111951900	Block Group 1, Census Tract 9519, Ulste	844	Yes	Not Designated as DA Kingston city		
36111951900	36111951900	Block Group 2, Census Tract 9519, Ulste	698	Yes	Not Designated as DA Kingston city		
36111951900	36111951900	Block Group 3, Census Tract 9519, Ulste	718	Yes	Not Designated as DA Kingston city		
36111951900	36111951900	Block Group 4, Census Tract 9519, Ulste	588	Yes	Not Designated as DA Kingston city		
36111952000	36111952000	Block Group 1, Census Tract 9520, Ulste	1380	Yes	Designated as DAC	Kingston city	Kingston city
36111952000	36111952000	Block Group 2, Census Tract 9520, Ulste	1435	Yes	Designated as DAC	Kingston city	Kingston city
36111952100	36111952100	Block Group 2, Census Tract 9521, Ulste	859	Yes	Designated as DAC	Kingston city	Kingston city
36111952400	36111952400	Block Group 1, Census Tract 9524, Ulste	1468	Yes	Designated as DAC	Kingston city	Kingston city
36111952400	36111952400	Block Group 2, Census Tract 9524, Ulste	1222	Yes	Designated as DAC	Kingston city	Kingston city
36111954401	36111954401	Block Group 1, Census Tract 9544.01, U	2882	Yes	Not in list		
36111954401	36111954401	Block Group 2, Census Tract 9544.01, U	1373	Yes	Not in list		
36111954402	36111954402	Block Group 1, Census Tract 9544.02, U	1504	Yes	Not in list		
36111954402	36111954402	Block Group 2, Census Tract 9544.02, U	1804	Yes	Not in list		
36111954402	36111954402	Block Group 3, Census Tract 9544.02, U	1426	Yes	Not in list		
36111954500	36111954500	Block Group 2, Census Tract 9545, Ulste	1970	Yes	Designated as DAC	Ellenville village	Ellenville village
36111954700	36111954700	Block Group 1, Census Tract 9547, Ulste	904	Yes	Not Designated as DA Ellenville village		
36111954700	36111954700	Block Group 2, Census Tract 9547, Ulste	846	Yes	Not Designated as DA Ellenville village		
36111954800	36111954800	Block Group 1, Census Tract 9548, Ulste	2135	Yes	Designated as DAC	Ellenville village	Ellenville village
36111954800	36111954800	Block Group 2, Census Tract 9548, Ulste	1339	Yes	Designated as DAC	Ellenville village	Ellenville village
36111954800	36111954800	Block Group 3, Census Tract 9548, Ulste	1639	Yes	Designated as DAC	Ellenville village	Ellenville village
36111955300	36111955300	Block Group 1, Census Tract 9553, Ulste	1037	Yes	Not Designated as DA Phoenicia		
36111955300	36111955300	Block Group 2, Census Tract 9553, Ulste	592	Yes	Not Designated as DA Phoenicia		
36111955300	36111955300	Block Group 3, Census Tract 9553, Ulste	654	Yes	Not Designated as DA Phoenicia		
36113070200	36113070200	Block Group 1, Census Tract 702, Warre	1026	Yes	Designated as DAC	Glens Falls city	Glens Falls city
36113070200	36113070200	Block Group 2, Census Tract 702, Warre	836	Yes	Designated as DAC	Glens Falls city	Glens Falls city

36113070400	361130704002	Block Group 2, Census Tract 704, Warre	1430	Yes	Not Designated as DA	Glens Falls city	
36113070500	361130705001	Block Group 1, Census Tract 705, Warre	1500	Yes	Designated as DAC	Glens Falls city	Glens Falls city
36113070500	361130705002	Block Group 2, Census Tract 705, Warre	1054	Yes	Designated as DAC	Glens Falls city	Glens Falls city
36113073000	361130730001	Block Group 1, Census Tract 730, Warre	1518	Yes	Not Designated as DA	Warrensburg	
36113073000	361130730002	Block Group 2, Census Tract 730, Warre	1070	Yes	Not Designated as DA	Warrensburg	
36113073000	361130730003	Block Group 3, Census Tract 730, Warre	826	Yes	Not Designated as DA	Warrensburg	
36113073000	361130730004	Block Group 4, Census Tract 730, Warre	545	Yes	Not Designated as DA	Warrensburg	
36115080100	361150801004	Block Group 4, Census Tract 801, Wash	1035	Yes	Designated as DAC	Hudson Falls village	Hudson Falls village
36115080200	361150802002	Block Group 2, Census Tract 802, Wash	1174	Yes	Not Designated as DA	Hudson Falls village	
36115080301	361150803011	Block Group 1, Census Tract 803.01, Wi	1120	Yes	Not in list		
36115080302	361150803022	Block Group 2, Census Tract 803.02, Wi	473	Yes	Not in list		
36115082001	361150820014	Block Group 4, Census Tract 820.01, Wi	723	Yes	Not Designated as DA	Whitehall village	
36115084001	361150840011	Block Group 1, Census Tract 840.01, Wi	1829	Yes	Not in list		
36115084001	361150840012	Block Group 2, Census Tract 840.01, Wi	1350	Yes	Not in list		
36115084002	361150840021	Block Group 1, Census Tract 840.02, Wi	1117	Yes	Not in list		
36115084002	361150840022	Block Group 2, Census Tract 840.02, Wi	1919	Yes	Not in list		
36115086000	361150860001	Block Group 1, Census Tract 860, Wash	831	Yes	Not Designated as DA	Multiple municipalitie	
36115086000	361150860002	Block Group 2, Census Tract 860, Wash	955	Yes	Not Designated as DA	Multiple municipalitie	
36117021100	361170211001	Block Group 1, Census Tract 211, Wayn	1442	Yes	Designated as DAC	Newark village	Newark village
36117021100	361170211002	Block Group 2, Census Tract 211, Wayn	1479	Yes	Designated as DAC	Newark village	Newark village
36117021100	361170211003	Block Group 3, Census Tract 211, Wayn	1321	Yes	Designated as DAC	Newark village	Newark village
36117021100	361170211004	Block Group 4, Census Tract 211, Wayn	842	Yes	Designated as DAC	Newark village	Newark village
36117021200	361170212001	Block Group 1, Census Tract 212, Wayn	1067	Yes	Designated as DAC	Newark village	Newark village
36117021200	361170212002	Block Group 2, Census Tract 212, Wayn	1341	Yes	Designated as DAC	Newark village	Newark village
36117021200	361170212003	Block Group 3, Census Tract 212, Wayn	757	Yes	Designated as DAC	Newark village	Newark village
36117021200	361170212004	Block Group 4, Census Tract 212, Wayn	1368	Yes	Designated as DAC	Newark village	Newark village
36117021400	361170214001	Block Group 1, Census Tract 214, Wayn	1566	Yes	Designated as DAC	Lyons	Lyons
36117021400	361170214002	Block Group 2, Census Tract 214, Wayn	631	Yes	Designated as DAC	Lyons	Lyons
36117021400	361170214003	Block Group 3, Census Tract 214, Wayn	1475	Yes	Designated as DAC	Lyons	Lyons
36117021502	361170215021	Block Group 1, Census Tract 215.02, Wi	1288	Yes	Designated as DAC	Wolcott village	Wolcott village
36117021502	361170215022	Block Group 2, Census Tract 215.02, Wi	1669	Yes	Designated as DAC	Wolcott village	Wolcott village
36117021502	361170215023	Block Group 3, Census Tract 215.02, Wi	1045	Yes	Designated as DAC	Wolcott village	Wolcott village
36117021800	361170218001	Block Group 1, Census Tract 218, Wayn	602	Yes	Designated as DAC	Clyde village	Clyde village
36117021800	361170218002	Block Group 2, Census Tract 218, Wayn	1569	Yes	Designated as DAC	Clyde village	Clyde village
36119000101	361190001011	Block Group 1, Census Tract 1.01, West	2685	Yes	Designated as DAC	Yonkers city	Yonkers city
36119000101	361190001012	Block Group 2, Census Tract 1.01, West	1639	Yes	Designated as DAC	Yonkers city	Yonkers city
36119000101	361190001013	Block Group 3, Census Tract 1.01, West	1407	Yes	Designated as DAC	Yonkers city	Yonkers city
36119000103	361190001031	Block Group 1, Census Tract 1.03, West	688	Yes	Designated as DAC	Yonkers city	Yonkers city
36119000103	361190001032	Block Group 2, Census Tract 1.03, West	2490	Yes	Designated as DAC	Yonkers city	Yonkers city
36119000103	361190001033	Block Group 3, Census Tract 1.03, West	1510	Yes	Designated as DAC	Yonkers city	Yonkers city
36119000103	361190001034	Block Group 4, Census Tract 1.03, West	1162	Yes	Designated as DAC	Yonkers city	Yonkers city
36119000202	361190002021	Block Group 1, Census Tract 2.02, West	1100	Yes	Designated as DAC	Yonkers city	Yonkers city
36119000202	361190002023	Block Group 3, Census Tract 2.02, West	1723	Yes	Designated as DAC	Yonkers city	Yonkers city
36119000203	361190002031	Block Group 1, Census Tract 2.03, West	706	Yes	Designated as DAC	Yonkers city	Yonkers city
36119000203	361190002033	Block Group 3, Census Tract 2.03, West	1233	Yes	Designated as DAC	Yonkers city	Yonkers city
36119000204	361190002041	Block Group 1, Census Tract 2.04, West	1873	Yes	Not in list		
36119000204	361190002042	Block Group 2, Census Tract 2.04, West	2235	Yes	Not in list		
36119000205	361190002051	Block Group 1, Census Tract 2.05, West	1621	Yes	Not in list		
36119000205	361190002052	Block Group 2, Census Tract 2.05, West	984	Yes	Not in list		
36119000205	361190002053	Block Group 3, Census Tract 2.05, West	1323	Yes	Not in list		
36119000300	361190003001	Block Group 1, Census Tract 3, Westche	1595	Yes	Designated as DAC	Yonkers city	Yonkers city
36119000300	361190003002	Block Group 2, Census Tract 3, Westche	1818	Yes	Designated as DAC	Yonkers city	Yonkers city
36119000300	361190003003	Block Group 3, Census Tract 3, Westche	1225	Yes	Designated as DAC	Yonkers city	Yonkers city
36119000401	361190004011	Block Group 1, Census Tract 4.01, West	1438	Yes	Designated as DAC	Yonkers city	Yonkers city
36119000401	361190004012	Block Group 2, Census Tract 4.01, West	2042	Yes	Designated as DAC	Yonkers city	Yonkers city
36119000401	361190004014	Block Group 4, Census Tract 4.01, West	1459	Yes	Designated as DAC	Yonkers city	Yonkers city
36119000403	361190004031	Block Group 1, Census Tract 4.03, West	1437	Yes	Not in list		
36119000403	361190004032	Block Group 2, Census Tract 4.03, West	1689	Yes	Not in list		
36119000403	361190004033	Block Group 3, Census Tract 4.03, West	46	Yes	Not in list		
36119000403	361190004034	Block Group 4, Census Tract 4.03, West	568	Yes	Not in list		
36119000404	361190004041	Block Group 1, Census Tract 4.04, West	1059	Yes	Not in list		
36119000404	361190004042	Block Group 2, Census Tract 4.04, West	1180	Yes	Not in list		
36119000501	361190005011	Block Group 1, Census Tract 5.01, West	177	Yes	Not in list		
36119000501	361190005012	Block Group 2, Census Tract 5.01, West	2300	Yes	Not in list		
36119000502	361190005021	Block Group 1, Census Tract 5.02, West	865	Yes	Not in list		
36119000502	361190005022	Block Group 2, Census Tract 5.02, West	2679	Yes	Not in list		
36119000601	361190006011	Block Group 1, Census Tract 6.01, West	1062	Yes	Not in list		
36119000601	361190006012	Block Group 2, Census Tract 6.01, West	1816	Yes	Not in list		
36119000602	361190006021	Block Group 1, Census Tract 6.02, West	2090	Yes	Not in list		
36119000602	361190006022	Block Group 2, Census Tract 6.02, West	2388	Yes	Not in list		
36119000801	361190008011	Block Group 1, Census Tract 8.01, West	1378	Yes	Designated as DAC	Yonkers city	Yonkers city
36119000801	361190008012	Block Group 2, Census Tract 8.01, West	1148	Yes	Designated as DAC	Yonkers city	Yonkers city
36119000801	361190008013	Block Group 3, Census Tract 8.01, West	953	Yes	Designated as DAC	Yonkers city	Yonkers city
36119000801	361190008014	Block Group 4, Census Tract 8.01, West	820	Yes	Designated as DAC	Yonkers city	Yonkers city
36119000801	361190008015	Block Group 5, Census Tract 8.01, West	1651	Yes	Designated as DAC	Yonkers city	Yonkers city
36119000802	361190008021	Block Group 1, Census Tract 8.02, West	1373	Yes	Designated as DAC	Yonkers city	Yonkers city
36119000803	361190008033	Block Group 3, Census Tract 8.03, West	1198	Yes	Not Designated as DA	Yonkers city	
36119001000	361190010001	Block Group 1, Census Tract 10, Westch	858	Yes	Designated as DAC	Yonkers city	Yonkers city
36119001000	361190010002	Block Group 2, Census Tract 10, Westch	962	Yes	Designated as DAC	Yonkers city	Yonkers city
36119001101	361190011011	Block Group 1, Census Tract 11.01, Wei	2150	Yes	Designated as DAC	Yonkers city	Yonkers city
36119001101	361190011012	Block Group 2, Census Tract 11.01, Wei	1757	Yes	Designated as DAC	Yonkers city	Yonkers city
36119001102	361190011021	Block Group 1, Census Tract 11.02, Wei	1502	Yes	Designated as DAC	Yonkers city	Yonkers city
36119001102	361190011022	Block Group 2, Census Tract 11.02, Wei	2309	Yes	Designated as DAC	Yonkers city	Yonkers city
36119001102	361190011023	Block Group 3, Census Tract 11.02, Wei	1787	Yes	Designated as DAC	Yonkers city	Yonkers city
36119001200	361190012001	Block Group 1, Census Tract 12, Westch	1631	Yes	Designated as DAC	Yonkers city	Yonkers city
36119001200	361190012002	Block Group 2, Census Tract 12, Westch	1880	Yes	Designated as DAC	Yonkers city	Yonkers city
36119001200	361190012003	Block Group 3, Census Tract 12, Westch	1825	Yes	Designated as DAC	Yonkers city	Yonkers city
36119001301	361190013013	Block Group 3, Census Tract 13.01, Wei	1688	Yes	Designated as DAC	Yonkers city	Yonkers city
36119001302	361190013021	Block Group 1, Census Tract 13.02, Wei	1935	Yes	Designated as DAC	Yonkers city	Yonkers city
36119001302	361190013022	Block Group 2, Census Tract 13.02, Wei	1037	Yes	Designated as DAC	Yonkers city	Yonkers city
36119001302	361190013023	Block Group 3, Census Tract 13.02, Wei	1129	Yes	Designated as DAC	Yonkers city	Yonkers city
36119001304	361190013041	Block Group 1, Census Tract 13.04, Wei	2402	Yes	Not in list		
36119001304	361190013042	Block Group 2, Census Tract 13.04, Wei	1228	Yes	Not in list		

36119009300	361190093001	Block Group 1, Census Tract 93, Westch	874	Yes	Designated as DAC	White Plains city	White Plains city
36119009300	361190093002	Block Group 2, Census Tract 93, Westch	1241	Yes	Designated as DAC	White Plains city	White Plains city
36119009300	361190093003	Block Group 3, Census Tract 93, Westch	1564	Yes	Designated as DAC	White Plains city	White Plains city
36119009400	361190094001	Block Group 1, Census Tract 94, Westch	994	Yes	Designated as DAC	White Plains city	White Plains city
36119009400	361190094002	Block Group 2, Census Tract 94, Westch	1068	Yes	Designated as DAC	White Plains city	White Plains city
36119009400	361190094003	Block Group 3, Census Tract 94, Westch	2228	Yes	Designated as DAC	White Plains city	White Plains city
36119009702	361190097022	Block Group 2, Census Tract 97.02, Wei	1026	Yes	Not Designated as DA	White Plains city	
36119010903	361190109031	Block Group 1, Census Tract 109.03, Wi	1385	Yes	Not Designated as DA	Fairview	
36119010903	361190109032	Block Group 2, Census Tract 109.03, Wi	1124	Yes	Not Designated as DA	Fairview	
36119011200	361190112004	Block Group 4, Census Tract 112, Weste	982	Yes	Designated as DAC	Elmsford village	Elmsford village
36119011601	361190116011	Block Group 1, Census Tract 116.01, Wi	1152	Yes	Not in list		
36119011601	361190116012	Block Group 2, Census Tract 116.01, Wi	2036	Yes	Not in list		
36119011602	361190116021	Block Group 1, Census Tract 116.02, Wi	2093	Yes	Not in list		
36119011602	361190116022	Block Group 2, Census Tract 116.02, Wi	1338	Yes	Not in list		
36119012900	361190129002	Block Group 2, Census Tract 129, Weste	1729	Yes	Designated as DAC	Mount Kisco village	Mount Kisco village
36119012900	361190129003	Block Group 3, Census Tract 129, Weste	1448	Yes	Designated as DAC	Mount Kisco village	Mount Kisco village
36119013301	361190133011	Block Group 1, Census Tract 133.01, Wi	2075	Yes	Designated as DAC	Ossining village	Ossining village
36119013301	361190133012	Block Group 2, Census Tract 133.01, Wi	1916	Yes	Designated as DAC	Ossining village	Ossining village
36119013304	361190133041	Block Group 1, Census Tract 133.04, Wi	1674	Yes	Designated as DAC	Ossining village	Ossining village
36119013304	361190133042	Block Group 2, Census Tract 133.04, Wi	2277	Yes	Designated as DAC	Ossining village	Ossining village
36119013304	361190133043	Block Group 3, Census Tract 133.04, Wi	1440	Yes	Designated as DAC	Ossining village	Ossining village
36119013401	361190134011	Block Group 1, Census Tract 134.01, Wi	1051	Yes	Not in list		
36119013600	361190136001	Block Group 1, Census Tract 136, Weste	1655	Yes	Designated as DAC	Ossining village	Ossining village
36119013600	361190136002	Block Group 2, Census Tract 136, Weste	1520	Yes	Designated as DAC	Ossining village	Ossining village
36119013600	361190136003	Block Group 3, Census Tract 136, Weste	2146	Yes	Designated as DAC	Ossining village	Ossining village
36119014100	361190141004	Block Group 4, Census Tract 141, Weste	840	Yes	Designated as DAC	Peekskill city	Peekskill city
36119014200	361190142001	Block Group 1, Census Tract 142, Weste	932	Yes	Designated as DAC	Peekskill city	Peekskill city
36119014300	361190143001	Block Group 1, Census Tract 143, Weste	1222	Yes	Designated as DAC	Peekskill city	Peekskill city
36119014300	361190143002	Block Group 2, Census Tract 143, Weste	1838	Yes	Designated as DAC	Peekskill city	Peekskill city
36119014300	361190143003	Block Group 3, Census Tract 143, Weste	1180	Yes	Designated as DAC	Peekskill city	Peekskill city
36119014400	361190144001	Block Group 1, Census Tract 144, Weste	1479	Yes	Designated as DAC	Peekskill city	Peekskill city
36119014400	361190144002	Block Group 2, Census Tract 144, Weste	2409	Yes	Designated as DAC	Peekskill city	Peekskill city
36119014400	361190144003	Block Group 3, Census Tract 144, Weste	2054	Yes	Designated as DAC	Peekskill city	Peekskill city
36119981000	361199810001	Block Group 1, Census Tract 9810, Wes	1121	Yes	Designated as DAC	Multiple municipalitie	Multiple municipalities
36119982000	361199820001	Block Group 1, Census Tract 9820, Wes	1367	Yes	Designated as DAC	Ossining village	Ossining village
36119983000	361199830001	Block Group 1, Census Tract 9830, Wes	1038	Yes	Not Designated as DA	Multiple municipalitie	
36119984000	361199840001	Block Group 1, Census Tract 9840, Wes	781	Yes	Designated as DAC	Multiple municipalitie	Multiple municipalities
36121970800	361219708001	Block Group 1, Census Tract 9708, Wyo	675	Yes	Not Designated as DA	Silver Springs village	
36121970800	361219708002	Block Group 2, Census Tract 9708, Wyo	645	Yes	Not Designated as DA	Silver Springs village	
36121970800	361219708003	Block Group 3, Census Tract 9708, Wyo	755	Yes	Not Designated as DA	Silver Springs village	
36121970800	361219708004	Block Group 4, Census Tract 9708, Wyo	689	Yes	Not Designated as DA	Silver Springs village	
36123150101	361231501011	Block Group 1, Census Tract 1501.01, Y	823	Yes	Not in list		
36123150101	361231501012	Block Group 2, Census Tract 1501.01, Y	769	Yes	Not in list		
36123150101	361231501013	Block Group 3, Census Tract 1501.01, Y	855	Yes	Not in list		
36123150101	361231501014	Block Group 4, Census Tract 1501.01, Y	994	Yes	Not in list		
36123150102	361231501021	Block Group 1, Census Tract 1501.02, Y	919	Yes	Not in list		
36123150102	361231501022	Block Group 2, Census Tract 1501.02, Y	551	Yes	Not in list		
36123150102	361231501023	Block Group 3, Census Tract 1501.02, Y	789	Yes	Not in list		

III. Pending Civil Rights lawsuits and administrative complaints filed against DEC:

There remains a single Title VI complaint (race/national origin) filed with the EPA on August 30, 2021 (EPA Complaint No. 02RNO-21-R2). DEC and the EPA are engaged in an informal resolution agreement negotiation.

FY Rec'd	Overall Status	EPA File #	Named Entity	Date Received	ST	REG	Alleged Discrimination Basis	Detailed Status	Related Documents
FY21	Active	02RNO-21-R2	New York State Dept. of Envir. Conservation	08/30/2021	NY	02	Title VI: Race, National Origin	Pending: In Informal Resolution Agreement Negotiation	02RNO-21-R2 Complaint (pdf) (15.5 MB) 02RNO-21-R2 REC Decision Ltr (pdf) (130.4 KB) 02RNO-21-R2 REC Tolling Ltr (pdf) (229.1 KB)

IV. Civil rights lawsuits and administrative complaints decided against DEC within the last year:

None.

V. Civil rights compliance reviews conducted by any federal agency within the last two years:

USDOJ-Fish and Wildlife Service Compliance Review is on-going. DEC received the notice of intent in August 2023 and replied to the document request in December 2023. An on-site review is scheduled for June 2024.

Department of Homeland Security reviewed DEC's Civil Rights Evaluation Tool (DHS Form 3095) in November 2023 and in December 2023 requested additional information about the status of the USDA compliance review that DEC disclosed. DEC explained that review involved completing the Forest Service's Form FS-1700-0006A to cover grants for the new fiscal year, and that there were no findings, compliance recommendations, or corrective actions.

The **USDA Civil Rights Compliance Review** in November 2023 involved DEC completing the Forest Service's Form FS-1700-0006A to cover grants for the new fiscal year. There were no findings, compliance recommendations or corrective actions resulting from the review, and no ongoing monitoring as a result of the review.

XI. Grievance procedures

[DEC's Federal Civil Rights Nondiscrimination Program - NYS Dept. of Environmental Conservation](#)

[NYSDEC Federal Civil Rights Violation Complaint Form](#)

[Accessibility for Persons with Disabilities - NYS Dept. of Environmental Conservation](#)

[Americans with Disabilities Act Grievance Procedure - NYS Dept. of Environmental Conservation](#)

[ADA Complaint Form \(ny.gov\)](#)

[Language Assistance - NYS Dept. of Environmental Conservation](#) (scroll to file a complaint)

[Language Access Complaint Form \(ny.gov\)](#)

[Language Access Complaint Form- English \(ny.gov\)](#)

[Complaints Regarding DEC Employees - NYS Dept. of Environmental Conservation](#)

3/25/2024

Basil Seggos, Commissioner
New York State Department of Environmental Conservation
625 Broadway, 14th Fl
Albany, NY 12233

Dear Commissioner Seggos,

On behalf of the Adirondack North Country Association (ANCA), this letter serves to express support for the New York State Department of Environmental Conservation's (NYSDEC) application to the U.S. EPA Climate Pollution Reduction Grants (CPRG) program, titled "Building Community Resilience through Greenhouse Gas Emission Reductions." With this proposal, NYSDEC, in partnership with the New York State Energy Research and Development Authority (NYSERDA), will implement programs that reduce greenhouse gas emissions from facilities and services that serve key resiliency purposes for New York's communities. The programs included in this proposal will not only address greenhouse gas emissions in the near- and long-term but will also provide substantial co-benefits such as air quality improvements and health benefits, with a particular focus on public services and disadvantaged communities.

ANCA is an independent, nonprofit corporation with a transformational approach to building prosperity across northern New York. Using innovative strategies for food systems, clean energy, small businesses, and equity and inclusion, ANCA delivers targeted interventions that create and sustain wealth and value in local communities. ANCA's Energy Team provides technical support to North Country stakeholders through NYSERDA's Clean Energy Communities and Regional Clean Energy Hub Programs as well as the inter-agency Climate Smart Communities.

Each component of this application has the potential to transform New York's communities and create lasting reductions in greenhouse gas emissions and other pollutants. These proposed programs, when implemented together, will ensure that investments in emissions reductions also support more resilient public services and buildings.

DEC's proposed investment in community-scale organic waste management solutions can help avoid waste going to landfills, and potentially result in value-added projects that can be used to build community resilience like green infrastructure and community gardens. Focusing on diverting organic waste can also improve food donation rates, providing emergency access to households in need.

We strongly endorse this application and look forward to seeing these programs implemented in New York State.

Jillian Henck,

Clean Energy Program Director, ANCA





March 19, 2024

Basil Seggos, Commissioner
New York State Department of Environmental Conservation
625 Broadway, 14th Fl
Albany, NY 12233

RE: Letter of Support

Dear Commissioner Seggos:

As Executive Director of the Central New York Regional Planning and Development Board, I am pleased to have this opportunity to write this letter of support for the New York State Department of Environmental Conservation's (DEC) application to the EPA Climate Pollution Reduction Grant (CPRG) program, tentatively titled "Building Community Resiliency through Greenhouse Gas Emission Reductions".

In accordance with this Proposal, DEC, in partnership with the New York State Energy Research and Development Authority (NYSERDA), will implement programs that reduce greenhouse gas emissions from facilities and services that play key resiliency roles for New York's communities. The programs included in this proposal will not only address greenhouse gas emissions in the near- and long-term, but will also provide substantial co-benefits such as air quality improvements and health benefits, with a particular focus on public services and disadvantaged communities.

CNY RPDB staff currently assists local governments in efforts to improve resiliency and to reduce greenhouse gas emissions through various means and is interested in providing further support in the areas described in this proposal. Each component of this application has the potential to transform New York's communities and create lasting reductions in greenhouse gas emissions and other pollutants. These proposed programs, when implemented together, will ensure that investments in emissions reductions also support more resilient public services and buildings.

CNY RPDB staff is pleased to see DEC and NYSERDA seamlessly incorporate resiliency into measures that reduce greenhouse gas reductions. Such focus will future-proof the places where New Yorkers get their food or access public services, and ensure that disadvantaged communities receive investments. In particular, funding heating and cooling centers not only reduces carbon emissions and improves air quality, but also meets an essential public health need as we face more extreme temperatures due to climate change.

I strongly endorse this application and look forward to seeing these programs implemented in New York State.

Please let me know if my office can be of any further assistance.

Sincerely,

A handwritten signature in blue ink, appearing to read "David V. Bottar". The signature is fluid and cursive, with a large initial "D" and "B".

David V. Bottar
Executive Director



COUNTY OF ERIE

ERIE COUNTY DEPARTMENT OF ENVIRONMENT AND PLANNING
DIVISION OF ENVIRONMENTAL COMPLIANCE

P. JOSH WILSON
SUSTAINABILITY DIRECTOR

DANIEL R. CASTLE
COMMISSIONER

Thursday, March 21, 2024

Basil Seggos, Commissioner
New York State Department of Environmental Conservation
625 Broadway, 14th Fl
Albany, NY 12233

RE: Support for NYSDEC CPRG Grant Application

Dear Commissioner Seggos,

On behalf of Erie County, this letter serves to express support for the New York State Department of Environmental Conservation's (DEC) application to the EPA Climate Pollution Reduction Grant (CPRG) program, tentatively titled "Building Community Resilience through Greenhouse Gas Emission Reductions". With this Proposal, DEC, in partnership with the New York State Energy Research and Development Authority (NYSERDA) will implement programs that reduce greenhouse gas emissions from facilities and services that play key resiliency roles for New York's communities. The programs included in this proposal will not only address greenhouse gas emissions in the near- and long-term, but will also provide substantial co-benefits such as air quality improvements and health benefits, with a particular focus on public services and disadvantaged communities.

The Erie County Department of Environment and Planning (DEP) partners with public and private sector entities to enhance the quality of life for Erie County residents. It implements programs and initiatives fostering economic growth and environmental quality. These programs ensure orderly development and redevelopment, maximizing investment opportunities and the prudent use of public funds. The DEP'S areas of focus include regional planning, cultural heritage promotion, economic and community development, and environmental services.

Each component of this application has the potential to transform New York's communities and create lasting reductions in greenhouse gas emissions and other pollutants. These proposed programs, when implemented together, will ensure that investments in emissions reductions also support food resiliency, heat resiliency, and offer additional public services. The proposed measures within NYSERDA's application find strong parallels with several key action items identified in Erie County's own Community

Climate Action Plan (CCAP), underscoring the synergistic potential between our local efforts and the proposed state-level initiatives:

Support for Organics Recycling and Food Waste Diversion: DEC's proposed investment in community-scale organic waste management solutions can help avoid waste going to landfill, and potentially result in added food security for disadvantaged communities. This measure aligns with multiple action items across Erie County's CCAP which aim to educate our communities on reducing food waste and improving food security by improving the existing food donation network (Action Items 5.1.2, 11.3.4, 11.3.6). DEC's and NYSERDA's proposal directly supports our commitment to expand educational programming and support policies that encourage food waste recovery infrastructure (Action Items 11.3.7 and 11.3.9). Furthermore, the development and expansion of food and yard waste recycling programs, as described in Action Item 5.2.2, resonate with the goals of Measure 1, emphasizing our collective dedication to waste reduction and sustainability.

Phase-Out of Hydrofluorocarbons (HFC) and Support for Natural Refrigerants: Erie County's concern regarding HFC management is represented by CCAP Action Item 5.2.3, which aims to enhance local recycling solutions for refrigerant-containing appliances. This collaboration exemplifies our shared resolution to mitigate the impacts of harmful refrigerants and transitioning to more sustainable, low-impact cooling solutions.

Creation of Green Community Cooling and Heating Centers: This initiative mirrors Erie County's broader strategy for increasing community resilience and environmental stewardship. CCAP Action Item 3.1.1 includes the development of a Heat Emergency Plan, which requires support to facilitate a locally-informed plan for mitigating the effects of, and responding to, heat wave conditions. The ethos of creating sustainable community infrastructure supports our overarching goals of promoting energy efficiency and public health.

The integration of the "Phase-Out of Hydrofluorocarbons and Support for Natural Refrigerants" program with the "Creation of Green Community Cooling and Heating Centers" initiative presents a significant opportunity for communities in Erie County to transition public-use buildings in the heart of disadvantaged communities, into environmentally sustainable heating and cooling centers. Communities can significantly reduce harmful HFC emissions and boost energy efficiency by updating public-use buildings with modern heat pumps and eco-friendly refrigerants. Additionally, converting these buildings into green cooling centers can strengthen community resilience to heatwaves, while also supporting public health and further improving energy efficiency. This dual approach not only underscores Erie County's dedication to environmental stewardship but also ensures our libraries serve as safe, sustainable havens during extreme heat events, contributing significantly to our overarching goals of community well-being and sustainability.

Support for Advanced Energy Performance Contracting for Local Governments: NYSERDA's Measure 4 directly supports Erie County's action items such as 7.1.3, 7.1.4, and 7.2.4, which focus on educating homeowners about energy savings, providing homeowners and landlords assistance to convert to clean heating and cooling technologies, and subsidize energy efficiency upgrades in disadvantaged communities. These initiatives are crucial for empowering our residents and local governments to embrace sustainable energy solutions and reduce overall greenhouse gas emissions.

Erie County DEP firmly believes that the implementation of these measures will significantly contribute to the reduction of greenhouse gas emissions, enhance the resilience of our communities, especially in low-income and disadvantaged areas, and complement Erie County's ongoing sustainability and resilience efforts. We are particularly excited about the opportunity these measures present for integrating state-level initiatives with local actions to maximize environmental and community benefits.

We endorse NYSERDA and NYSDEC's application enthusiastically and anticipate the positive impacts its realization will bring to our communities. We stand ready to collaborate and support the successful implementation of these measures.

Thank you for considering our support for this crucial initiative.

Very truly yours,

A handwritten signature in black ink, appearing to read "P. Josh Wilson". The signature is fluid and cursive, with the first name "P. Josh" and the last name "Wilson" clearly distinguishable.

P. JOSH WILSON
Sustainability Director

Cc: Daniel Castle, Commissioner



33 Elk Street, Suite 203
Albany, NY 12207
(518) 930-7000
execdir@feedingnys.org
feedingnys.org



Basil Seggos, Commissioner
New York State Department of Environmental Conservation
625 Broadway, 14th Fl
Albany, NY 12233

March 25, 2024

Dear Commissioner,

I am writing on behalf of Feeding New York State to express our enthusiastic support for the New York State Department of Environmental Conservation's (NYSDEC) application to the U.S. EPA Climate Pollution Reduction Grants (CPRG) program, titled "Building Community Resilience through Greenhouse Gas Emission Reductions."

With this proposal, NYSDEC, in partnership with the New York State Energy Research and Development Authority (NYSERDA), will implement programs that reduce greenhouse gas emissions from facilities and services that serve key resiliency purposes for New York's communities. The programs included in this proposal will not only address greenhouse gas emissions in the near- and long-term but will also provide substantial co-benefits such as air quality improvements and health benefits, with a particular focus on public services and disadvantaged communities.

Feeding New York State is the membership organization of the ten Feeding America food banks located in the state of New York. Our mission is to lead the effort for a hunger-free New York. We do this via advocacy and operations. Our advocacy work aims to support public policy at the State and Federal levels to reduce hunger. Our operations include fresh produce rescue, food rescue/diversion in the retail and manufacturing sectors, food purchasing, and food transportation. We serve the people of New York by providing this high-quality food at zero cost to a network of over 3,000 food pantries, shelters, soup kitchens and the like. In each of the last several years, our ten members and FNYS distributed well over 300 million pounds of food, and supported food banks in other states with over 50 million pounds of rescued produce.

Our partnership with the New York State Department of Environmental Conservation goes back over five years. This partnership has supported the creation of what is probably the most innovative and successful food rescue/diversion program in the United States. Under DEC's leadership, together we have worked with several hundred organizations, mostly grocery stores, to divert over 15 million pounds of food out of municipal landfills. We have picked up, transported and delivered this food to our food

banks and charitable food providers, feeding millions of New Yorkers in the process. This food diversion prevented the generation of substantial methane and carbon dioxide; lowered costs for the donors; provided high quality food to the needy – and all at an operating cost of well under twenty cents per pound. As part of the Feeding America network, we confer frequently with our colleagues in other states. The New York food diversion program that DEC created is world class, and although several other states have passed food waste laws, none has developed a working program that delivers this level of results. We routinely get asked by other states to help them with their food waste strategies. The DEC team has provided the funding, environmental expertise, data management, and most important the leadership to make all this happen.

I have described our partnership in some detail because we are an organization driven by mission accomplishment. Anyone can write a proposal. NYSDEC has proven it can *execute* a proposal and achieve results.

Each component of this application has the potential to transform New York's communities and create lasting reductions in greenhouse gas emissions and other pollutants. These proposed programs, when implemented together, will ensure that investments in emissions reductions also support more resilient public services and buildings.

We strongly endorse this application and look forward to seeing these programs implemented in New York State.

A handwritten signature in black ink, appearing to read 'Dan Egan', with a stylized flourish at the end.

Dan Egan

Executive Director, Feeding NYS

NEW YORK CITY HOUSING AUTHORITY BRANCH
NATIONAL ASSOCIATION FOR THE ADVANCEMENT OF COLORED PEOPLE
NAACP – NYCHA Branch
1950 East Tremont Ave Suite 3F ·
Bronx, NY 10456
Phone: [\(347\) 669 - 2421](tel:3476692421)
E-mail: nychabbranch@gmail.com

March 25, 2024

Basil Seggos, Commissioner
New York State Department of Environmental Conservation
625 Broadway, 14th Fl
Albany, NY 12233

Dear Commission Seggos,

On behalf of the New York City Housing Authority Branch (NYCHA) of the NAACP this letter serves to express support for the New York State Department of Environmental Conservation's (DEC) application to the EPA Climate Pollution Reduction Grant (CPRG) program, tentatively titled "Building Community Resilience through Greenhouse Gas Emission Reductions". With this Proposal, DEC, in partnership with the New York State Energy Research and Development Authority (NYSERDA) will implement programs that reduce greenhouse gas emissions from facilities and services that play key resiliency roles for New York's communities. The programs included in this proposal will not only address greenhouse gas emissions in the near- and long-term, but will also provide substantial co-benefits such as air quality improvements and health benefits, with a particular focus on public services and disadvantaged communities.

The NYCHA Branch of the NAACP is the affiliated branch of the NAACP for NYCHA Residents and Employees. Our mission is to achieve equity, political rights, and social inclusion by advancing policies and practices that expand human and civil rights, eliminate discrimination, and accelerate the well-being, education, and economic security of Black people and all persons of color. Environmental and climate justice is a civil rights issue. We all depend on the physical environment and its bounty.

Each component of this application has the potential to transform New York's communities and create lasting reductions in greenhouse gas emissions and other pollutants. These proposed programs, when implemented together, will ensure that investments in emissions reductions also support more resilient public services and buildings.

The NYCHA Branch of the NAACP is pleased to see DEC and NYSERDA seamlessly incorporate resiliency into measures that reduce greenhouse gas reductions. Such focus will future-proof the places where New Yorkers get their food or access public services, and ensure that disadvantaged communities receive investments. In particular, funding heating and cooling centers not only reduces carbon emissions and improves air quality, but also meets an essential public health need as we face more extreme temperatures due to climate change.

We strongly endorse this application and look forward to seeing these programs implemented in New York State.

Sincerely,

Lynn Spivey

Lynn Spivey, President
NAACP NYCHA Branch



March 25, 2024

Basil Seggos, Commissioner
New York State Department of Environmental Conservation
625 Broadway, 14th Fl
Albany, NY 12233

RE: Building Community Resilience through Greenhouse Gas Emission Reductions

Dear Commissioner Seggos:

On behalf of the North American Sustainable Refrigeration Council (NASRC), we are pleased to express our support for the New York State Department of Environmental Conservation's (NYSDEC) application to the U.S. EPA Climate Pollution Reduction Grants (CPRG) program, titled "Building Community Resilience through Greenhouse Gas Emission Reductions." With this proposal, NYSDEC, in partnership with the New York State Energy Research and Development Authority (NYSERDA), will implement programs that reduce greenhouse gas emissions from facilities and services that serve key resiliency purposes for New York's communities. The programs included in this proposal will not only address greenhouse gas emissions in the near- and long-term but will also provide substantial co-benefits such as air quality improvements and health benefits, with a particular focus on public services and disadvantaged communities.

NASRC is a 501(c)(3) environmental nonprofit working to advance climate-friendly natural refrigerants and reduce greenhouse gas emissions caused by traditional hydrofluorocarbon (HFC) refrigerants. We collaborate with stakeholders from across the industry, including over 55,000 food retail locations, to eliminate the barriers to natural refrigerants in U.S. grocery stores.

Once considered a suitable replacement for ozone-depleting substances, HFCs are one of the most potent drivers of climate change. Pound for pound, HFCs trap thousands of times more heat in the atmosphere than CO₂. Classified as short-lived climate pollutants, HFCs have a disproportionate impact on warming in the near term, making their mitigation significantly more urgent than other greenhouse gases.

Natural refrigerants, including CO₂ (R-744), Ammonia (R-717), and Hydrocarbons (R-290, R-600a) are the most climate-friendly solution. Unlike most other refrigerant alternatives, they are not at risk of being categorized as per- and polyfluoroalkyl substances (PFAS), making them the most future-proof solution for the refrigeration industry.

However natural refrigerants are not a "drop-in" solution for existing facilities, so the transition from HFCs requires a costly full replacement of the refrigeration system. This cost burden is particularly challenging for small and independent businesses and those operating in disadvantaged communities, as these businesses often lack the financial resources to transition their facilities. Funding support is crucial for small and independent businesses disproportionately impacted by the cost to transition away from HFC refrigerants.

NASRC is the third-party administrator for a program in California that is similar to Measure 2 in this application. There, the Fluorinated Gas Reduction Incentive Program (FRIP) will provide funding to support the replacement of HFC-based equipment with climate-friendly refrigeration equipment. We would be

pleased to support the planning and implementation of the proposed grant program in New York, bringing lessons learned, industry connections, and guidance to maximize the success of this critically important program.

While NASRC's experience can contribute most effectively to Measure 2 in the application, we support the application in full. Each component of this application has the potential to transform New York's communities and create lasting reductions in greenhouse gas emissions and other pollutants. These proposed programs, when implemented together, will ensure that investments in emissions reductions also support more resilient public services and buildings.

We strongly endorse this application and look forward to seeing these programs implemented in New York State. Thank you for your time and consideration.

Sincerely,

A handwritten signature in black ink, appearing to read "Danielle Wright", with a stylized flourish at the end.

Danielle Wright
Executive Director
NASRC



New York State Conference of Mayors and Municipal Officials

Barbara J. Van Epps
Executive Director

119 Washington Avenue, Albany, New York 12210
(518) 463-1185 www.nycom.org

March 25, 2024

Basil Seggos
Commissioner
NYS Department of Environmental Conservation
625 Broadway
Albany, NY 12207

Dear Commissioner Seggos:

On behalf of the New York State Conference of Mayors (NYCOM), I'm writing to express support for the New York State Department of Environmental Conservation's (DEC) application to the EPA Climate Pollution Reduction Grant (CPRG) program. With this proposal, DEC, in partnership with the New York State Energy Research and Development Authority (NYSERDA), will implement programs that will not only address greenhouse gas emissions in the near- and long-term, but will also provide substantial co-benefits such as air quality improvements and health benefits, with a particular focus on public services and disadvantaged communities.

NYCOM is the association of, and for, cities and villages in New York State, providing legal and technical assistance, training opportunities and legislative advocacy on their behalf. We support this application as it will provide funding to help with initiatives such as the retrofitting of municipal buildings, green infrastructure and the investment in community-scale organic waste management solutions that can help decrease what is currently going to landfills.

We appreciate your consideration of NYCOM's support and look forward to seeing these initiatives implemented in New York State.

Sincerely,

Barbara Van Epps
Executive Director



NYSAC
— NEW YORK STATE —
ASSOCIATION OF COUNTIES

515 Broadway, Suite 402, Albany, New York 12207

Phone: (518) 465-1473 Fax: (518) 465-0506

www.nysac.org

President: Hon. Daniel P. McCoy, Albany County

Executive Director: Stephen J. Acquario, Esq.

March 22, 2024

Basil Seggos
Commissioner
NYS Department of Environmental Conservation (NYSDEC)
625 Broadway
Albany, NY 12207

Dear Commissioner Seggos:

On behalf of the 62 counties of the State of New York, I'm writing to express support for NYSDEC's application to the Environmental Protection Agency (EPA)'s Climate Pollution Reduction Grant (CPRG) Program.

NYSDEC intends to apply for a CPRG grant to implement programs that reduce greenhouse gas emissions from facilities and services that play key resiliency roles for New York's communities, with a particular focus on public services and disadvantaged communities. The programs included in this proposal will not only address greenhouse gas emissions in the near and long term but will also provide substantial co-benefits, such as air quality improvements and public health benefits.

NYSAC supports NYSDEC's application to provide counties and other local governments with additional funding, incentives, and technical assistance for climate change mitigation projects. Examples of projects NYSDEC will be able to support with this funding include retrofitting municipal buildings to reduce emissions and investing in community-scale organic waste management solutions to divert waste from landfills.

We appreciate your consideration of NYSAC's endorsement and look forward to seeing these programs implemented in New York State.

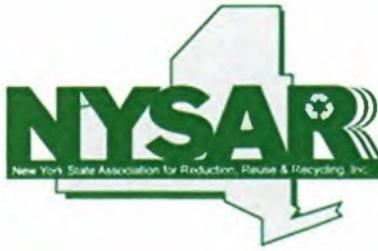
Sincerely,

Stephen J. Acquario
Executive Director

Committed to counties since 1925

Albany, Allegany, Bronx, Broome, Cattaraugus, Cayuga, Chautauqua, Chemung, Chenango, Clinton, Columbia, Cortland, Delaware, Dutchess, Erie, Essex, Franklin, Fulton, Genesee, Greene, Hamilton, Herkimer, Jefferson, Kings, Lewis, Livingston, Madison, Monroe, Montgomery, Nassau, New York, Niagara, Oneida, Onondaga, Ontario, Orange, Orleans, Oswego, Otsego, Putnam, Rensselaer, Queens, Richmond, Rockland, St. Lawrence, Saratoga, Schenectady, Schoharie, Schuyler, Seneca, Steuben, Suffolk, Sullivan, Tioga, Tompkins, Ulster, Warren, Washington, Wayne, Westchester, Wyoming, Yates





New York State Association for Reduction, Reuse and Recycling Inc.

NYSAR³

1971 Western Avenue #1180

Albany, NY 12203

March 25, 2024

Basil Seggos, Commissioner
New York State Department of Environmental Conservation
625 Broadway, 14th Fl
Albany, New York 12233

Dear Commissioner Seggos:

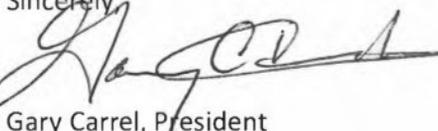
Please accept my enthusiastic support the New York State Department of Environmental Conservation's (NYSDEC) application to the U.S. EPA Climate Pollution Reduction Grants (CPRG) program, titled "Building Community Resilience through Greenhouse Gas Emission Reductions" on behalf of the New York State Association for Reduction, Reuse and Recycling (NYSAR³). The proposal in with the NYSDEC, in partnership with the New York State Energy Research and Development Authority (NYSERDA), makes good sense as this pairing will be able to implement programs that reduce greenhouse gas emissions from facilities and services for key resiliency purposes for New York's communities. The programs included in this proposal will not only address greenhouse gas emissions in the near- and long-term but will also provide substantial co-benefits such as air quality improvements and health benefits, with a particular focus on public services and disadvantaged communities.

NYSAR³ is a membership-based organization that provides statewide leadership on waste reduction, reuse, recycling issues, and practices to improve the environment. While our members represent the full gamut of the many materials management needs provided across the state, we do have a good number of municipal members who would support and promote *Measure 1* which proposes competitive grants to local governments and non-profits to implement programs, purchase equipment, and/or expand existing operations to support organics recycling and divert food waste from landfills.

It is exciting that each component of this application has the potential to transform New York's communities and create lasting reductions in greenhouse gas emissions and other pollutants. These proposed programs, when implemented together, will ensure that investments in emissions reductions also support more resilient public services and buildings.

Therefore, we also support the additional components of the grant application which engages food retail stores, food banks, food hubs, or other food security facilities to replace existing refrigeration systems with systems that utilize low or no global warming potential refrigerants. Providing funding for local governments or community-based organizations for evaluation, design, and installation of community cooling/heating centers which could include weatherization, efficient HVAC systems, and passive house envelope upgrades. We of course also support energy performance contracting for local governments by training municipalities, providing technical assistance through the design and contracting efforts, reducing risk and predevelopment costs associated with decarbonization and electrification, and providing an innovation fund to reduce financial risks for harder-to-finance buildings and measures, such as historic buildings or beneficial electrification. Together, these proposals will significantly reduce GHG and co-pollutant emissions and support community resilience. We strongly endorse this application and look forward to seeing these programs implemented in New York State.

Sincerely,



Gary Carrel, President



Regional Plan Association

- Chairman Raymond J. McGuire
President & CEO Thomas K. Wright
Chair, New Jersey Committee Hon. Jun Choi
Co-Chair, Connecticut Committee Judith Lagano
Vice Chair Douglas Durst
Co-Chair, Advancement Committee Angela Pinsky
Vice Chair and Co-Chair, Nominating & Governance Committee Sarah Fitts
Counsel David Huntington
Co-Chair, New Jersey Committee Paul Josephson
Vice Chair Matthew S. Kissner
Chair, Communications Committee Katy Knight
Co-Chair, Connecticut Committee David Kooris
Sol Marie Alfonso-Jones
Michael Keenan
Alix Anfang
Greg Kelly
Rebecca Ashton
Kyle Kimball
Richard Bagger
Jee Mee Kim-Diaz
Joseph Barile
Barry Langer
Stephen R. Beckwith
Jill Lerner
Robert Billingsley
Trent Lethco
Eugenie Birch
Christopher Levandos
Robert Blumenthal
Kay LiCausi
Anthony Borelli
Jose Lozano
Tonio Burgos
Mark Marcucci
Axel Carrion
Andrew Matthias
Anthony Casciano
Jan Nicholson
Vincent Cassano
Folasade A.
Vishaan Chakrabarti
Olanipekun-Lewis
Ali Chaudhry
Herminia Palacio
Peter Cipriano
Christina PioCosta-Lahue
Hon. Henry Cisneros
Seth Pinsky
Frank Cohen
Clint Plummer
Hon. Anthony R. Coscia
John Porcari
Cheryl McKissack Daniel
David Quart
Peter D'Arcy
Michael J. Regan
Steve Denning
Justin Rodgers
Shaun Donovan
Tom Rousakis
Nick Dhimitri
Janette Sadik-Khan
Susannah Drake
Lynne Sagalyn
Eva Durst
Elliot G. Sander
Leecia Eve
Aditya Sanghvi
Winston Fisher
Samuel I. Schwartz
Kathleen Frangione
Todd Schwartz
Janice Fuller
Peggy Shepard
David Garten
H. Claude Shostal
Paul Gertner
Mohinder Singh
Jeremy Goldberg
Ryan Simonetti
Carley Graham Garcia
Gagandeep Singh
Maxine Griffith
Monica Slater Stokes
Christopher Hahn
Robert K. Steel
Richard J. Haray
Michael Sweeney
Linda Harrison
Reuben Teague
Peter W. Herman
Marilyn Taylor
Dylan Hixon
Richard T. Thigpen
Kerry Hughes
Bill Thompson
Shari Hyman
Ernest Tollerson
James Johnson
Jane Veron
Mary Margaret Jones
Claire Weisz
Sabrina Kanner
LaToya Wilson
Anaita Kasad
Kate Wittels

New York One Whitehall St, 16th Floor New York, NY 10004
New Jersey 60 Union Street, Suite 1-N Newark, NJ 07105
Connecticut Two Landmark Sq, Suite 108 Stamford, CT 06901
212.253.2727 | rpa.org

March 22, 2024
Basil Seggos, Commissioner
New York State Department of Environmental Conservation
625 Broadway, 14th Fl
Albany, NY 12233

Dear Commissioner Seggos,

On behalf of the Regional Plan Association, this letter serves to express support for the New York State Department of Environmental Conservation's (DEC) application to the EPA Climate Pollution Reduction Grant (CPRG) program, tentatively titled "Building Community Resilience through Greenhouse Gas Emission Reductions". With this Proposal, DEC, in partnership with the New York State Energy Research and Development Authority (NYSERDA) will implement programs that reduce greenhouse gas emissions from facilities and services that play key resiliency roles for New York's communities. The programs included in this proposal will not only address greenhouse gas emissions in the near- and long-term, but will also provide substantial co-benefits such as air quality improvements and health benefits, with a particular focus on public services and disadvantaged communities.

RPA, located at 1 Whitehall St, New York, NY 10004, is an independent, non-profit organization, whose mission is to research urban planning and policy issues of regional and statewide importance and to improve the New York City metropolitan region's economic health, environmental sustainability, and quality of life. Our regional planning recommendations emphasize the significance of bolstering resilience efforts within our communities. Furthermore, a significant portion of our research and analysis validates the correlation between community health and the reduction of greenhouse gas emissions.

Each component of this application has the potential to transform New York's communities and create lasting reductions in greenhouse gas emissions and other pollutants. These proposed programs, when implemented together, will ensure that investments in emissions reductions also support more resilient public services and buildings. RPA is supportive of the integration of resilience into the measures undertaken by DEC and NYSERDA to diminish greenhouse gas emissions. Such focus will guarantee stability for the places where New Yorkers get their food or access public services, and ensure that disadvantaged communities receive investments. Additionally, allocating funds for heating and cooling centers mitigates carbon emissions, enhances air quality, and addresses a critical public health requirement in light of the escalating temperatures resulting from climate change.

We strongly endorse this application and look forward to seeing these programs implemented in New York State.

Best,

Vanessa Pascual Barrios
Manager, Diversity, Inclusion, and Equity Initiatives
vbarrios@rpa.org | (323) 868 - 4039



University at Buffalo

School of Architecture
and Planning

To: Basil Seggos, Commissioner
New York State Department of Environmental Conservation
625 Broadway, 14th Fl
Albany, NY 12233

From: Julia Czerniak, AIA Assoc., ASLA, RLA
Dean and Professor
School of Architecture and Planning
University at Buffalo
121 Hayes Hall, Buffalo NY 14214-8030

Date: March 20, 2024

Dear Commissioner Seggos,

On behalf of the University at Buffalo School of Architecture and Planning, this letter expresses support for the New York State Department of Environmental Conservation's (DEC) application to the EPA Climate Pollution Reduction Grant (CPRG) program. With this Proposal, DEC, in partnership with the New York State Energy Research and Development Authority (NYSERDA) will implement programs that reduce greenhouse gas emissions from facilities and services that play key resilience roles for New York's communities. The programs included in this proposal will not only address greenhouse gas emissions in the near- and long-term, but will also provide substantial co-benefits such as air quality improvements and health benefits, with a particular focus on public services and disadvantaged communities.

The University at Buffalo School of Architecture and Planning is a rich multidisciplinary environment of creative, talented, and intelligent people who discuss provocative ideas, do meaningful work, and collectively advance timely projects that interface with the complex social and environmental issues of the 21st century like climate change. With professional and pre-professional programs in the design and planning fields, we offer a world-class education that moves between knowledge in the arts, the humanities, and the STEM disciplines that enables our students to think critically, design creatively, problem solve collaboratively, and communicate verbally and visually. In the only school of architecture and planning within the 64-campus State University of New York system, we shape students to be model citizens, future leaders, and agents of change.

Each component of this application has the potential to transform New York's communities and create lasting reductions in greenhouse gas emissions and other pollutants. These proposed programs, when implemented together, will ensure that investments in emissions reductions also support more resilient public services and buildings.

We strongly support this application and look forward to seeing these programs implemented in New York State.

Sincerely,

A handwritten signature in blue ink, appearing to read 'Julia Czerniak'.

Julia E. Czerniak
Dean and Professor

School of Architecture and Planning



March 26, 2024

Basil Seggos, Commissioner
New York State Department of Environmental Conservation
625 Broadway, 14th Fl
Albany, NY 12233

Dear Commissioner Seggos,

On behalf of *CET*, this letter serves to express support for the New York State Department of Environmental Conservation's (NYSDEC) application to the U.S. EPA Climate Pollution Reduction Grants (CPRG) program, titled "Building Community Resilience through Greenhouse Gas Emission Reductions." With this proposal, NYSDEC, in partnership with the New York State Energy Research and Development Authority (NYSERDA), will implement programs that reduce greenhouse gas emissions from facilities and services that serve key resiliency purposes for New York's communities. The programs included in this proposal will not only address greenhouse gas emissions in the near- and long-term but will also provide substantial co-benefits such as air quality improvements and health benefits, with a particular focus on public services and disadvantaged communities.

CET is an environmental nonprofit that helps people and businesses save energy and reduce waste. We act as a catalyst to accelerate the development of a vibrant marketplace to divert waste, particularly wasted food. We work with three key stakeholder groups to build thriving waste diversion marketplaces: the policymakers who design laws or regulations and fund programs, and infrastructure; the businesses and institutions that generate waste; and the service providers who prevent waste, accept donations or haul it away and recycle or compost it. We help all of them design and sustain solutions for wasted food, and many other materials. We are currently working directly with NYS DEC to administer the ReThink Food Waste NY program, to support designated food scrap generators and other food businesses better manage wasted food throughout New York.

Each component of this application has the potential to transform New York's communities and create lasting reductions in greenhouse gas emissions and other pollutants. These proposed programs, when implemented together, will ensure that investments in emissions reductions also support more resilient public services and buildings.

DEC's proposed investment in organic waste management solutions can help avoid waste going to landfill, and potentially result in value-added projects that can be used to build community resilience like green infrastructure and community gardens. Focusing on diverting organic waste can also improve food donation rates, providing emergency access to households in need, while potentially saving on operational costs for food businesses. According to Drawdown, preventing wasted food is the top readily available climate solution and CET supports all efforts across the EPA food recovery scale to address the issue.

Further, our deep knowledge and experience in building decarbonization compels us to support the plan to help municipalities in updating their buildings to cost-effectively reduce emissions will allow



resource-constrained local governments, particularly those that serve disadvantaged communities that may have more constrained tax bases, to save on operational costs and reap the co-benefits of deep energy retrofits, such as improved thermal comfort. In addition, this proposal will allow municipalities to better serve their constituents by having more state-of-the-art buildings and the provision of community spaces with efficient heating and cooling that can be deployed in periods of extreme heat or extreme cold. These interventions may save lives and improve health of heat-sensitive and other medically vulnerable individuals, while also reducing air pollution and carbon emissions.

We strongly endorse this application and look forward to seeing these programs implemented in New York State.

Sincerely,

Lorenzo Macaluso
Chief Growth Officer



NYSERDA

KATHY HOCHUL
Governor

April 1, 2024

RICHARD L. KAUFFMAN
Chair

DOREEN M. HARRIS
President and CEO

Basil Seggos
Commissioner
NYS Department of Environmental Conservation
625 Broadway
Albany, NY 12233

RE: Letter of Commitment for the New York State Department of Environmental Conservation's Application to the Environmental Protection Agency's Climate Pollution Reduction Grant Program (EPA-R-OAR-CPRGI-23-07)

Dear Commissioner Seggos,

This letter confirms the New York State Energy Research and Development Authority's (NYSERDA) strong support and commitment to collaborate with the New York State (NYS) Department of Environmental Conservation (DEC) for the U.S. Environmental Protection Agency's (EPA) Climate Pollution Reduction Grant (CPRG) program.

As described in the DEC application titled "Building Community Resilience through Greenhouse Gas Emission Reductions," upon DEC's award from EPA and subsequent executed agreement between DEC and NYSEDA, NYSEDA would implement two measures included in the application: "Create Green Community Cooling and Heating Centers" and "Support Advanced Energy Performance Contracting for Local Governments."

If awarded funding through the CPRG, DEC would subaward funds to NYSEDA to create a Green Community Cooling/Heating Centers grant program that utilizes emission reduction measures and technologies to strengthen community resiliency, specifically focusing on providing spaces for New Yorkers to go during extreme temperatures. Additionally, the Advanced Energy Performance Contracting (EPCs) initiative would innovate on this tested financing model by training municipalities, providing technical assistance through the design and contracting efforts, reducing risk and predevelopment costs associated with deep decarbonization and electrification, and providing an innovation fund to reduce financial risks associated with EPCs for harder-to-finance buildings and measures, such as historic buildings or beneficial electrification.

NYSEDA, a public benefit corporation, was created in 1975 by the New York State Legislature. NYSEDA works to improve New York State's energy, environmental, and economic future by sponsoring energy analysis, research and development, and innovative market development programs. NYSEDA's mission is to advance clean energy innovation and investments to combat climate change, improving the health, resiliency, and prosperity of New Yorkers and delivering benefits equitably to all. With that, NYSEDA is particularly committed to understanding and reducing the impacts on vulnerable and underserved communities throughout the State.



NYSERDA

KATHY HOCHUL
Governor

RICHARD L. KAUFFMAN
Chair

DOREEN M. HARRIS
President and CEO

NYSERDA has the background, expertise, and capacity to successfully implement the programs included in this CPRG application and achieve the resulting near- and long-term greenhouse gas emissions reductions. These programs will further NYSERDA's ability to reduce emissions from public-serving buildings, and provide resilience, air pollution, and other co-benefits particularly within disadvantaged communities. NYSERDA staff have strong relationships with and experience serving the local governments and community-based organizations that would be key implementation partners in NYSERDA's activities included in this grant, and a proven ability to manage projects and procurement processes that lead to more sustainable communities. Moreover, NYSERDA has a history of successful partnership with DEC, which will enable a comprehensive and coordinated approach to all proposal activities.

We look forward to the opportunity to implement this program.

Best regards,

A handwritten signature in cursive script that reads "Doreen M. Harris".

Doreen Harris
President and CEO
New York State Energy Research and Development Authority

**CLIMATE POLLUTION REDUCTION GRANTS PROGRAM – GENERAL COMPETITION
COVER PAGE**

Applicant Information:

Organization: New York State Department of Environmental Conservation

Primary Contact Name: Jessica Fowler, Climate Policy Analyst 2

Phone Number: (518) 402-8448

Email Address: jessica.fowler@dec.ny.gov

Type of Application: Individual Applicant

Funding Requested: \$155,719,069

Application Title: Building Community Resilience through Greenhouse Gas Emission Reductions

Brief Description of GHG Measures:

- Measure 1 would provide funding to local governments and non-profits to build new or expanded organics recycling facilities and programs statewide.
- Measure 2 would support the phase out of hydrofluorocarbons and support natural refrigerants in facilities located in disadvantaged communities.
- Measure 3 would provide engineering and grant support to local governments and community-based organizations for green cooling and heating centers located in disadvantaged communities.
- Measure 4 would support advanced energy performance contracting for local governments.

Sectors: Commercial and Residential Buildings; Waste and Materials Management

Expected Total Cumulative GHG Emission Reductions:

Estimated cumulative GHG reductions for 2025-2030: 632,148 metric tons CO₂e

Estimated cumulative GHG reductions for 2025-2050: 3,453,359 metric tons CO₂e

Location: New York State

Applicable Priority Climate Action Plan (PCAP) on which Measures are Based:

PCAP Lead Organization: New York State Department of Environmental Conservation

PCAP Title: Climate Pollution Reduction Grants Program Priority Climate Action Plan for New York State

PCAP Website Link: <https://dec.ny.gov/environmental-protection/climate-change/new-york-response>

List of GHG reduction measures and PCAP page reference for each measure:

- Measure 1 is covered under PCAP section 3.7, page 27.
- Measure 2 is covered under PCAP section 3.6, page 25.
- Measure 3 is covered under PCAP section 3.5, page 23.
- Measure 4 is covered under PCAP section 3.5, page 23.

Attachment A. Budget Narrative

The following budget narrative describes the budget categories and a detailed description of the budget outlined in section 7 of the workplan and SF-424A attached to this proposal. Table 1 and Table 2 provide an overview of the budget category totals by year and the total budgets for each measure, respectively.

Table 1. Budget Categories by Year

BUDGET BY YEAR							
COST-TYPE	CATEGORY	YEAR 1	YEAR 2	YEAR 3	YEAR 4	YEAR 5	TOTAL
Direct Costs	TOTAL PERSONNEL	\$65,001	\$66,951	\$68,960	\$71,028	\$73,159	\$345,099
	TOTAL FRINGE BENEFITS	\$41,230	\$42,467	\$43,741	\$45,053	\$46,405	\$218,896
	TOTAL TRAVEL	\$306	\$1,476	\$306	\$1,476	\$306	\$3,868
	TOTAL EQUIPMENT	\$0	\$0	\$0	\$0	\$0	\$0
	TOTAL SUPPLIES	\$0	\$0	\$0	\$0	\$0	\$0
	TOTAL CONTRACTUAL	\$2,050,000	\$3,050,000	\$4,050,000	\$5,050,000	\$6,050,000	\$20,250,000
	TOTAL OTHER	\$39,542,664	\$39,570,983	\$24,463,633	\$15,586,558	\$15,640,670	\$134,804,509
	TOTAL DIRECT	\$41,699,200	\$42,731,877	\$28,626,640	\$20,754,116	\$21,810,540	\$155,622,372
TOTAL INDIRECT	\$18,213	\$18,760	\$19,322	\$19,902	\$20,499	\$96,697	
TOTAL		\$41,717,414	\$42,750,636	\$28,645,962	\$20,774,018	\$21,831,039	\$155,719,069

Table 2. Total Budget by Measure

BUDGET BY MEASURE			
Measure Number	Project Name	Total Cost	% of Total
1	Organics Recycling	\$20,910,692	13%
2	Natural Refrigerants	\$57,503,868	37%
3	Clean Cooling/Heating Centers	\$37,045,899	24%
4	Energy Performance Contracting	\$40,258,610	26%
TOTAL		\$155,719,069	100%

The following sections detail the budget by GHG emission reduction measure and budget category.

Measure 1: Support Organics Recycling

This measure proposes funding for the personnel, fringe benefits, contractual, and indirect budget categories.

- Personnel \$345,099
 - NYSDEC will hire one new Environmental Program Specialist 1 (entry level) to assist implement out this measure. This equates to 100% of 1 FTE. The current salary for this

position is \$65,001, plus 3% salary increases each year through the duration of the budget period. This salary and the associated yearly increases are determined through union negotiations.

- Fringe \$218,896
 - NYSDEC calculates fringe benefits at a rate of 63.43% of annual salary. The total fringe costs are based on 63.43% of 1 Environmental Program Specialist FTE per year. Fringe benefits include disbursements incurred by the State for the benefit of its employees and includes the costs to the State, as an employer, for retirement plans, Social Security, health insurance, dental insurance, Worker's Compensation, Survivor's Benefits, unemployment insurance and the State's contribution to the Employee Benefit Funds pursuant to agreements with the various bargaining units.
- Contractual \$20,250,000
 - Contractual costs include funding for projects implemented pursuant to the measure description (\$20,000,000) and funding to procure a contractor that would measure and report to NYSDEC on the metrics related to program implementation (\$250,000).
 - NYSDEC will release a Request for Applications to develop 40 new contracts with local governments or non-profits to establish organics programs. The programs could include a new facility, expanded facility, equipment purchases to enable organics diversion, and/or education and outreach related to organics diversion. Projects will vary in size; the budget assumes an average cost of \$500,000 per project. NYSDEC intends to ramp up project completion over time, so the budget assumes \$2,000,000 in the first year, increasing by \$1,000,000 per year through the end of the grant period.
 - NYSDEC will procure a contractor to measure and report on various metrics related to measure implementation (e.g., pounds of food waste diverted). The budget allocates \$250,000 for this purpose, evenly distributed throughout the grant period.
- Indirect \$96,967
 - The indirect costs are associated with 1 new FTE at a salary of \$65,001, plus 3% salary increases each year through the duration of the budget period. NYSDEC calculates indirect costs at a rate of 28.02% of annual salary. Indirect costs include, but are not limited to, physical overhead, space occupancy, utilities, information technology, and central service agency costs.

Measure 2: Phase Out Hydrofluorocarbons and Support Natural Refrigerants

This measure proposes funding for the travel and other budget categories.

- Travel \$3,868
 - This budget would support NYSDEC staff to travel to workshops, workforce training events, and/or outreach events related to the implementation of this measure. NYSDEC anticipates two two-day workshops will take place during year two and year four of the grant period, focused on workforce training and beneficiary outreach. Two agency staff would attend each workshop. To support that need, the budget includes round trip train travel, two-night hotel accommodations, and two days of per-diem for each staff member attending each workshop. Additionally, NYSDEC anticipates frequent day-long outreach events and has therefore budgeted for annual travel averaging 250 miles, budgeted using the 2024 federal mileage reimbursement rate of \$0.67 per mile. The budget accounts for an average of six additional days of per-diem stipend for any

extended travel days. The travel budget was calculated using federal GSA rates for hotels, travel, and meals and incidental expenses, and uses an average based on rate differentials between New York City and upstate New York.

- Other \$57,500,000
 - NYSDEC proposes \$50,000,000 be made available to fund projects to replace refrigeration equipment that uses HFCs with equipment that uses natural refrigerants and \$7,500,000 be made available to a third-party program administrator to implement the overall measure.
 - In order to successfully implement this program, NYSDEC would competitively procure a non-profit third-party program administrator to manage all aspects of this measure. The program administrator would administer competitive grants to eligible entities, as described in the workplan, to install 100 full or partial natural refrigeration systems with ultra-low or zero GWP. NYSDEC proposes making \$7,500,000 available for this purpose, which reflects 15% of the overall program. The program administrator could use these funds to pay for administrative costs including but not limited to staff and fringe benefits, metrics tracking, program outreach, and travel. This funding would be distributed evenly across the grant period at \$1,500,000 per year.
 - As described, NYSDEC proposes \$50,000,000 be used to pay for the purchase and installation of 100 full or partial natural refrigeration systems with ultra-low or zero GWP. This funding would be distributed evenly over the grant period at \$10,000,000 per year, equating to 20 projects per year. To account for the varying costs of full or partial replacements, and various equipment sizes, the measure assumes an average system cost of \$500,000.

Measure 3: Create Green Community Cooling/Heating Centers

This measure proposes funding for the other budget category. This reflects a subaward to NYSERDA. Additional detail on how NYSERDA intends to allocate its subaward is included in this narrative.

- Other \$37,045,899
 - NYSDEC will subaward funds to NYSERDA to implement Measure 3 in the amount of \$37,045,899.
 - This includes \$715,205 for NYSERDA personnel and fringe to implement measures, ensure consistent and accurate reporting according to EPA requirements, and ensure appropriate and timely expenditures of funds. According to NYSERDA's Indirect Cost Billing Agreement for where Code of Federal Regulations (CFR) 2 C.F.R. 200 applies, NYSERDA will include a 68.85% fringe rate on all personnel charges.
 - This includes \$10,800 to compensate disadvantaged community stakeholders for their input on program activities, as described in section 4.b of the workplan. Stakeholders are prequalified to receive compensation from NYSERDA through a Request for Qualifications and are compensated according to standardized rates.
 - This includes \$1,552,922 to procure staff augmentation contractors at NYSERDA. Staff augmentation contractors will work alongside NYSERDA staff, integrating into teams to support delivery of programs. NYSERDA anticipates bringing 1 FTE on board to assist with this measure. In the event that it is more advantageous

to do so for budgetary or programmatic reasons, NYSERDA may directly hire staff rather than use staff augmentation contractors.

- NYSERDA will procure design services on behalf of 18 entities for \$1,800,000. It will also procure support contractor(s) to provide technical assistance related to accessing incentives, operating equipment to maximize emissions reductions and thermal resiliency co-benefits, and trainings on energy and thermal resiliency. These services will cost \$2,200,000.
- NYSERDA will provide \$30,000,000 in subawards to community-based organizations and municipal partners to implement this measure.
- This includes \$766,972 in indirect costs. This reflects 41.65% for Labor Overhead and 51.97% for G&A expenses, levied on personnel expenses. In addition, NYSERDA is required to charge a 1.01% cost recovery fee that applies to all expenses, including contractual and personnel-related overhead expenses.

Measure 4: Support Advanced Energy Performance Contracting for Local Governments

This measure proposes funding for the other budget category. This reflects a subaward to NYSERDA. Additional detail on how NYSERDA intends to allocate its subaward is included in this narrative.

- Other \$40,258,610
 - NYSDEC will subaward funds to NYSERDA to implement Measure 4 in the amount of \$40,258,610.
 - This includes \$785,984 for NYSERDA personnel and fringe to implement measures, ensure consistent and accurate reporting according to EPA requirements, and ensure appropriate and timely expenditures of funds. According to NYSERDA's Indirect Cost Billing Agreement for where Code of Federal Regulations (CFR) 2 C.F.R. 200 applies, NYSERDA will include a 68.85% fringe rate on all personnel charges.
 - This includes \$10,800 to compensate disadvantaged community stakeholders for their input on program activities, as described in section 4.b of the workplan. Stakeholders are prequalified to receive compensation from NYSERDA through a Request for Qualifications and are compensated according to standardized rates.
 - This includes \$3,623,485 to procure staff augmentation contractors at NYSERDA. Staff augmentation contractors will work alongside NYSERDA staff, integrating into teams to support delivery of programs. NYSERDA anticipates bringing 3 FTEs on board to assist with this measure. In the event that it is more advantageous to do so for budgetary or programmatic reasons, NYSERDA may directly hire staff rather than use staff augmentation contractors.
 - NYSERDA will procure contractors that provide phase 1 predevelopment support to 50 communities for \$8,500,000.
 - NYSERDA will provide \$26,500,000 in subawards to local governments for Phase 2 design and Phase 3 implementation support for EPCs.
 - This includes \$838,340 in indirect costs. This reflects 41.65% for Labor Overhead and 51.97% for G&A expenses, levied on personnel expenses. In addition,

NYSERDA charges a 1.01% cost recovery fee that applies to all expenses, including contractual and personnel-related overhead expenses.

Attachment B. Technical Appendix

SECTION 1. ANALYTIC APPROACH

The analysis described in this technical appendix evaluates the greenhouse gas (GHG) emissions impact of the GHG reduction measures in this application, which are designed to reduce emissions and build community resilience. This document addresses New York State's GHG reduction estimate methods, models or tools used, measure implementation assumptions, GHG reduction estimate assumptions, reference case scenarios, measure-specific activity data, and GHG emissions reduced.

Four measures were evaluated:

- 1) Support organics recycling and food waste diversion
- 2) Phase out hydrofluorocarbons and support natural refrigerants
- 3) Create green community cooling and heating centers
- 4) Support advanced energy performance contracting for local governments

To estimate the GHG emissions impact of this portfolio, Energy and Environmental Economics, Inc. (E3) developed an Excel-based tool that conducts a bottom-up analysis for each measure in the Climate Pollution Reduction Grants Program Priority Climate Action Plan for New York State. The tool is designed to comply with EPA guidance and incorporates inputs from publicly available literature, data, and tools. A custom-built tool was determined to be the best solution for organizing results and accounting for the various implementation timelines, activity levels, resulting energy and emissions impacts, and costs of each measure within the portfolio. The tool provides both annual measure-level results, as well as consolidated portfolio-level results for GHG emissions impact and cost.

In general, the GHG emissions reduction for each measure is calculated by multiplying the increase in measure 'activity' by its associated GHG emission factor. The reference case used for each measure assumes that the CPRG-funded measures result in incremental activity levels. For example, emissions impacts of the natural refrigerants measure are calculated as the difference in refrigerant leakage by refrigerant type, multiplied by their relative emissions factors for commercial food store (or other facilities that support food security) conversions supported by CPRG funding. The specific inputs and assumptions used to calculate emissions impacts vary by measure and are driven by each measure's given activity. This bottom-up approach to evaluating each measure is designed to ensure that only emissions impacts of incremental activities are calculated and aims to prevent potential double-counting of emissions reductions.

The calculation of co-pollutant benefits for each measure mirrors the bottom-up calculation used to estimate GHG emissions reductions. The increase in measure 'activity' was multiplied by its associated co-pollutant emissions factors for ammonia (NH₃), nitrogen oxides (NO_x), fine particulate matter (PM_{2.5}), sulfur dioxide (SO₂), and volatile organic compounds (VOC). Co-pollutant benefits were only calculated for measures that are expected to meaningfully impact co-pollutants, which are defined for the purpose of this analysis as measures that impact fuel consumption. EPA's Co-Benefits Risk Assessment Health Impacts Screening and Mapping Tool (COBRA)¹ was then used to convert co-pollutant emissions impacts into estimated health impacts.

¹ [EPA COBRA](#)

The allocation of co-pollutant benefits to low income and disadvantaged communities (LIDAC) was then estimated based on the portion of a measure expected to be implemented within federally designated LIDAC census tracts or blocks. For example, the green community cooling/heating centers measure is expected to be applied exclusively within LIDAC communities, therefore the analysis assumes that co-pollutant benefits are allocated to LIDAC areas. The portion of New York’s population that is estimated to live in LIDAC areas was estimated using EPA’s Inflation Reduction Act Disadvantaged Communities Map.² While inputs and assumptions are naturally uncertain, the measure analyses are designed to minimize uncertainty through primary research and feedback from New York State agencies. The analyses included in the tool are intended to be easily updated as newer or more robust information becomes available and as program implementation guidelines are solidified.

SECTION 2. PROPOSAL-WIDE ASSUMPTIONS

Measures share a common set of emission assumptions including fuel GHG emissions factors, grid GHG emissions factors, global warming potentials (GWPs), and co-pollutant emission factors. In addition to accounting for combustion-related emissions, the analysis includes upstream GHG emissions. Tables 1 through 5 below provide an overview of the shared emissions assumptions, which have been sourced from publicly available data sets, including EPA and New York State sources.

Table 1. Global Warming Potentials (IPCC AR5)

GHG	100-year GWP
Carbon Dioxide (CO ₂)	1
Methane (CH ₄)	28
Nitrous Oxide (N ₂ O)	265

Table 2. Electricity Grid Emission Factors³

GHG	Unit	2025	2030	2035	2040
CO ₂	MT/MWh	0.1812	0.0742	0.0474	0.0005
CH ₄	MT/MWh	0.0010	0.0004	0.0003	0
N ₂ O	MT/MWh	0	0	0	0

Table 3. Combustion Fuel Emission Factors⁴

Fuel	Unit	CO ₂	CH ₄	N ₂ O
Natural Gas	kg/MMBtu	53.06	1.00	0.10
Fuel Oil No. 2	kg/MMBtu	73.96	3.00	0.60

Table 4. Upstream Fuel Emission Factors⁵

Fuel	Unit	CO ₂	CH ₄	N ₂ O
Natural Gas	kg/MMBtu	12.21	0.35	0.00014
Fuel Oil No. 2	kg/MMBtu	14.60	0.12	0.00025

² [Inflation Reduction Act Disadvantaged Communities Map](#)

³ [Climate Action Council Scoping Plan, Appendix G](#)

⁴ [EPA GHG Emission Factors Hub](#)

⁵ [2022 NYS Statewide GHG Emissions Report](#)

Table 5. Co-Pollutant Emission Factors⁶

Fuel	Unit	NH ₃	NO _x	PM _{2.5}	SO ₂	VOC
Natural Gas	Kg/cubic foot	0.22	44.44	0.19	0.27	2.44
Fuel Oil	Kg/gallon	0.36	8.89	0.00	0.09	0.15

Measures also share a common analytical approach, which involves establishing an activity-based reference case that is then compared to the mitigation case to understand the net emissions benefit of each measure. As the activities involved with each measure vary, the tool includes measure-specific assumptions to evaluate each measure. The following section identifies the activity-data, implementation assumptions, measure-specific assumptions, and emissions calculations used for each measure.

SECTION 3. MEASURE-SPECIFIC ASSUMPTIONS

NYSDEC and NYSERDA worked diligently to define each measure’s scope, including a realistic implementation timeline for the measure, the lifetime of the measure, and the funding needed to implement. For each measure, E3 incorporated this information to develop an implementation timeline. These measure implementation assumptions are based on New York’s extensive experience delivering GHG emission reduction programs. Where other funding sources would be leveraged, total implementation cost was then calculated based on the number of units of a given measure installed and the dollar-per-unit cost for each measure prorated by the amount attributable to CPRG, per the program guidance. The sections below outline the measure-specific assumptions that were identified through this process.

a. Support Organics Recycling

This measure seeks to fund efforts to increase mixed organic waste collection to be sent to composting facilities. Composting has a net negative emissions factor, meaning that as more organic waste is composted, associated GHG emissions decrease. This stems from the avoided fertilizer offset from compost usage, improved soil carbon storage, and diverted waste from landfills. With regards to implementation, this measure seeks to deploy two rounds of grants to recipients. One-third of projects in the first round of grants are assumed to be completed by 2027, and one-third of projects in the second round of grants are assumed to be completed by 2028. This analysis assumes funding supports 50% composting facilities and 50% education and collection programs. By 2029, all projects are assumed to have been completed, meaning that the pace of construction in the second round is faster than the first round. The grant lifetimes were assumed to last ten years.⁷

Table 6. Organics Measure Implementation Schedule

Year	2025	2026	2027	2028	2029
Cumulative First Round Projects Completed	0	0	7	14	20
Cumulative Second Round Projects Completed	0	0	0	6	20
Cumulative Total	0	0	7	20	40

⁶ [Climate Action Council Scoping Plan, Appendix G](#)

⁷ [USDA Conservation Practice Overview for Composting Facilities](#)

Table 7. Organics Measure Cost Assumptions

Budget component	Unit	Value
Grant amount per project	\$	500,000
Cost matching per project	\$	166,667
Program size	No. Grants	40
Total implementation cost	\$	26,666,667
Cost sharing	\$	(6,666,667)
Existing federal/state funding	\$	N/A
CRPG funding need	\$	20,000,000
GHGs Attributable to CPRG		75%

For this measure, the program budget was not related to specific program costs, but rather selected based off intended measure scale. With a total of 40 grants of \$500,000 each, the total CPRG budget for this measure is \$20 million. This value does not include cost matching, which is assumed to be 25% of the grant amount, which sums to \$6.67 million overall. This also does not include costs to administer the program. A simplified cost of organic waste collection, in \$/short ton, was used to translate grant amounts into additional compost collected. Then, the EPA Waste Reduction Model (WARM) was used to gather emissions factors for the CH₄ and CO₂ emissions associated with landfilling and composting mixed organic waste. The amount of additional compost collected is then scaled by emissions impact and number of projects funded to calculate total emissions reductions, as seen in the equations below.

$AOC = \$/\text{ton of Organics} * \text{Grant Budget}$

$ER = N * AOC * (-EF_L - EF_C) * P$

Where ER is aggregate emissions reductions, N is the number of grants provided, AOC is the amount of additional organic waste collected (short tons), EF_L and EF_C are the emissions factors of landfilling and composting respectively (MTCO₂e/short ton), and P is the percent of abatement that can be attributed to CPRG based on the ratio of CPRG funding to implementation cost.

Note: EF_L is assigned a negative value here since landfilling is being avoided due to composting.

Table 8. Organics Measure Input Values and Sources

Measure	Value	Source
Landfilling Emissions Factor (MT CO₂e/short ton)	0.16	<u>EPA WARM V16</u>
Composting Emissions Factor (MT CO₂e/short ton)	-0.13	<u>EPA WARM V16</u>
Landfill Gas Composition (CH₄ to CO₂ Ratio)	1:1	<u>EPA LMOP</u>
Cost of Organics Collection (\$/ton)	50	NYSDEC Prior Experience

b. Phase Out Hydrofluorocarbons and Support Natural Refrigerants

This measure seeks to support the phase out of high-GWP refrigerants in food refrigeration facilities such as food banks or food hubs and replace existing equipment with ultra-low or zero GWP refrigerant alternatives. The emissions reductions from this measure will be achieved through reduced leaking of high-GWP refrigerants from refrigeration equipment into the atmosphere. Implementation of this measure will begin in 2025, and 20 facilities are set to be converted each year until 2030, resulting in a

cumulative total of 100 refrigerant projects completed. Emissions impacts will begin accruing upon project completion.

Table 9. Natural Refrigerants Measure Implementation Schedule

Year	2025	2026	2027	2028	2029
Cumulative project completions	20	40	60	80	100

Table 10. Natural Refrigerants Measure Cost Assumptions

Budget component	Unit	Value
Full system replacement	\$/project	750,000
Partial system replacement	\$/project	250,000
Split between partial and full system replacements	%	50/50
Program Size	No. facilities	100
Total implementation cost	\$	50,000,000
Cost sharing	\$	N/A
Existing federal/state funding	\$	N/A
CRPG funding need	\$	50,000,000
GHGs Attributable to CPRG		100%

The California Air Resources Board (CARB) F-Gas Reduction Incentive Program (FRIP) was used to estimate cost parameters for this measure.⁸ Specifically, Example Projects 2 and 3 from the CARB FRIP user guide were referenced for the cost of an ultra-low GWP refrigerant retrofit project. An equal split between partial and full refrigerant replacement projects was assumed, leading to 50 of each type of project implemented by 2030 respectively. There was assumed to be no existing funding available for this measure, nor were fund recipients assumed to share any of the cost. The total amount of CPRG funding requested is \$50 million. Emissions reductions for this measure were calculated using the leakage rates and emissions factors of legacy and replacement refrigerants respectively. In this analysis, the counterfactual refrigerant was assumed to be R-507A, while the replacement was assumed to be R-744. The annual abatement per project was therefore calculated as the difference between the counterfactual refrigerant system and the replacement system emissions. Finally, the annual emissions reduction was scaled up by typical project lifetime of 15 years and total number of projects funded. The equations used to calculate emissions reduction are shown below.

$$ER_A = (L_L * EF_L) - (L_R * EF_R)$$

Where ER_A is annual emissions reductions, L is amount of legacy refrigerant [kg] multiplied by annual leakage rate [%], and EF is refrigerant emissions factor [kgCO₂e/kg]. The subscripts L and R refer to legacy refrigerant and replacement refrigerant, respectively.

$$ER = ER_A * PL * N * P$$

Where ER is aggregate emissions reductions, PL is typical project lifetime, N is number of refrigerant retrofit projects implemented and P is the percent of abatement that can be attributed to CPRG based on the ratio of CPRG funding to total program cost.

⁸ [CARB F-Gas Reduction Incentive Program User Guide](#)

Table 11. Natural Refrigerants Measure Input Values and Sources

Measure	Value	Source
R-507A Emissions Factor (kgCO ₂ e/kg)	3,985	CARB F-gas Reduction Program
R-744 Emissions Factor (kgCO ₂ e/kg)	1	CARB F-gas Reduction Program
Starting amount of refrigerant, full system replacement (kg)	1,361	NYSDEC Prior Experience
Ending amount of refrigerant, full system replacement (kg)	907	NYSDEC Prior Experience
Starting amount of refrigerant, partial system replacement (kg)	680	NYSDEC Prior Experience
Ending amount of refrigerant, partial system replacement (kg)	227	NYSDEC Prior Experience
Annual Leakage Rate, typical system (%)	24%	CARB F-gas Reduction Program

c. Create Green Community Cooling/Heating Centers

This measure will provide funding to retrofit cooling and heating centers in disadvantaged communities, to provide thermal safety to local communities. This analysis assumed all cooling/heating center retrofits will include some combination of an improved building shell and an electric heat pump such as an air source heat pump (ASHP). Implementation will begin once CPRG funding is received, and all 10 cooling/heating centers will be implemented by 2028. Emissions reductions are realized once a retrofit is completed, as the cooling/heating center transitions from fossil-fuel powered space conditioning to electric space conditioning. The measure lifetime used within this analysis is 16 years, reflecting a typical lifetime for a heat pump system.

Table 12. Cooling/Heating Centers Measure Implementation Schedule

Year	2025	2026	2027	2028	2029
Cumulative number of facilities with ASHP + envelope upgrade	0	0	5	10	10

Table 13. Cooling/Heating Centers Measure Cost Assumptions

Budget component	Unit	Value
Average project cost	\$/facility	3,000,000
Program size	No. facilities	10
Total implementation cost	\$	30,000,000
Cost sharing	\$	N/A
Existing federal/state funding	\$	(800,000)
CPRG funding need	\$	29,200,000
GHGs Attributable to CPRG		97%

A dollar per facility cost provided by New York State agencies was used to estimate the total implementation cost of the Cooling/Heating Centers measure. This analysis also assumes that the Cooling/Heating Center measure qualifies for the federal Energy Efficient Commercial Building deduction.⁹ Once existing federal funding is applied, CPRG program funding is used to cover the remaining retrofit cost for facilities. The volume of emissions that could be reduced via this measure is calculated based on the change in energy consumption between a facility with a reference fossil fuel HVAC system and envelope, and a building with an ASHP and improved building envelope. The energy savings used in this calculation are based on NREL’s ComStock database and are specific to New York’s building stock.¹⁰ Emissions reductions attributable to the Cooling/Heating Centers measure are adjusted

⁹ [IRS Energy Efficient Commercial Buildings Deduction](#)

¹⁰ [Comstock Database](#)

based on the CPRG portion of the total measure cost (see Table 13). The equations used to calculate total measure emissions reductions are provided in the figure below.

$$ER = (\Delta F * EF_f + \Delta E * EF_e) * N * P$$

Where ER is emissions reductions due to measure, ΔF is the change in fuel consumption between baseline and measure, EF_f is fuel emissions factor, ΔE is the change in electricity consumption between baseline and measure, EF_e is electric emissions factor, N is number of buildings retrofit and P is the percent of abatement that can be attributed to CPRG based on the ratio of CPRG funding to total implementation cost.

Table 14. Cooling/Heating Centers Input Values and Sources

Building Type	Conditional sq. ft. per building	Post-measure fuel savings	Post-measure electricity savings	Source(s)
Office, gas heating	16,000	550 MMBtu	25,908 kWh	Energy savings: <u>Comstock NY MediumOffice</u> Conditioned sq. ft.: Agency input
Office, oil heating	16,000	496 MMBtu	21,580 kWh	Energy savings: <u>Comstock NY MediumOffice</u> Conditioned sq. ft.: Agency input

d. Support Advanced Energy Performance Contracting for Local Governments

Energy performance contracting (EPC) funding will be used to develop a contracting structure that municipalities can use to implement energy efficiency (EE) and electrification projects. Based on New York State agency feedback, this analysis assumes that municipal buildings consist of a mix of office buildings and equipment management shops. In modeling this measure, it was assumed that 50% of retrofits would be for office buildings and 50% would be for equipment management shops; within each building type, it was assumed that 75% of the buildings retrofitted would be buildings using natural gas for heating, and 25% would be using oil. Due to the relatively high cost of fuel oil and low cost of natural gas, it was assumed that buildings using gas for heating would undergo general EE upgrades, whereas buildings using oil would undergo ASHP installation and building envelope upgrades. 50 EPC portfolios will be retrofitted between 2027-2028, and each portfolio is assumed to cover 6 buildings. This timeline assumes 2 rounds of funding, with round 1 projects completed in 2027 and round 2 projects completed in 2028. However, the application leaves room for a 3rd round if funds are not fully awarded in 2 rounds of applications. In the event of a 3rd round, the deployment schedule would show a more gradual implementation schedule, with approximately 1/3rd of projects achieving completion in each of the following years: 2027, 2028, and 2029.

Table 15. Advanced EPCs Measure Implementation Schedule

Year	2025	2026	2027	2028	2029
Cumulative number of EPC portfolios retrofitted	0	0	25	50	50
Cumulative office (gas) retrofits – EE	0	0	56	113	113
Cumulative office (oil) retrofits – shell + ASHP	0	0	19	38	38
Cumulative equipment management shop (gas) retrofits – EE	0	0	56	113	113
Cumulative equipment management shop (oil) retrofits – shell + ASHP	0	0	19	38	38

Since this measure is not directly funding the emissions reductions interventions, but rather is enabling financing of those interventions, capital costs to implement projects are not included in the analysis. Accordingly, the analysis assumes that 100% of GHG reductions are attributable to CPRG.

The Advanced EPC measure abatement potential is calculated similarly to the Cooling/Heating Centers measure and is based on the emissions difference between an office building or vehicle service or repair building before and after the measure is completed. It was assumed that buildings heated with natural gas undergo EE improvements, while buildings heated with fuel oil undergo a full heat pump conversion. Energy savings for offices was based on upgrade package data from NREL’s ComStock database. Energy savings for vehicle service or repair shops was calculated based on a combination of upgrade package data from NREL’s ComStock database and Energy Information Administration’s 2018 Commercial Buildings Energy Consumption Survey (CBECS) database.¹¹ This combination of data sources was selected to analyze vehicle service or repair shops as the ComStock database does not include a similar building type of vehicle service or repair shops and would not reflect an accurate starting energy intensity. The CBECS database was used to determine starting energy consumption for vehicle service or repair shops, based on that building type within the database. Energy savings for this building type was then estimated based on the proportion of energy saved per square foot calculated using ComStock upgrade package data for the office building type, assuming that a similar set of upgrades are made to all buildings within the EPC portfolio. This proportion of energy saved per square foot was then applied to the starting energy intensity and the conditioned square footage of vehicle service or repair buildings to estimate fuel and electricity savings.

$$ER = (\Delta F * EF_f + \Delta E * EF_e) * N_p * N_B * P$$

Where ER is emissions reductions due to measure, ΔF is the change in fuel consumption between baseline and measure, EF_f is fuel emissions factor, ΔE is the change in electricity consumption between baseline and measure, EF_e is electric emissions factor, N_p is number of portfolios retrofitted, N_B is the number of buildings per portfolio, and P is the percent of abatement that can be attributed to CPRG based on the ratio of CPRG funding to total program cost.

Table 16. Advanced EPCs Input Values and Sources

Building Type	Conditioned sq. ft. per building	Post-measure fuel savings	Post-measure electricity savings	Source(s)
Office, gas heating	16,000	163 MMBtu	5,830 kWh	Energy savings: <u>Comstock NY MediumOffice</u> Conditioned sq. ft.: Agency input
Office, oil heating	16,000	496 MMBtu	21,580 kWh	Energy savings: <u>Comstock NY MediumOffice</u> Conditioned sq. ft.: Agency input
Equip. shop, gas heating	100,000	1,364 MMBtu	27,167 kWh	Energy savings: <u>CBECS Vehicle service or repair; adjusted by ComStock savings</u> Conditioned square feet: Agency Input
Equip shop, oil heating	100,000	3,096 MMBtu	73,908 kWh	Energy savings <u>CBECS Vehicle service or repair; adjusted by ComStock savings</u> Conditioned square feet: Agency Input

¹¹ [EIA Commercial Buildings Energy Consumption Survey \(2018\)](#)

SECTION 4. GHG EMISSIONS REDUCED

Table 17 and Table 18 detail the measure-specific annual GHG emission reductions in metric tons of CO₂ equivalent (mtCO_{2e}) for each year from 2025 through 2050. Table 19 details the cumulative GHG emission reductions for the periods 2025-2030 and 2025-2050.

Table 17. Annual GHG Emission Reductions (mtCO_{2e}), 2025-2030

Measure	'25	'26	'27	'28	'29	'30
Organics Recycling	0	0	0	26	77	155
Natural Refrigerants	0	20	39	59	79	98
Cooling/Heating Center	0	0	0.1	0.3	0.4	0.4
Advanced EPCs	0	0	7	20	26	26
Total	0	20	46	105	182	279

Table 18. Annual GHG Emission Reductions (mtCO_{2e}), 2031-2050

Measure	'31	'32	'33	'34	'35	'36	'37	'38	'39	'40	'41	'42	'43	'44	'45-50
Organics Recycling	155	155	155	155	155	155	155	129	78	0	0	0	0	0	0
Natural Refrigerants	98	98	98	98	98	98	98	98	98	98	79	59	39	20	0
Cooling/Heating Centers	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.2	0
Advanced EPCs	26	26	26	26	26	26	26	25	25	25	25	25	25	13	0
Total	279	253	202	124	104	85	65	33	0						

Table 19. Cumulative GHG Emission Reductions (mtCO_{2e}) for 2025-2030 and 2025-2050

Measure	2025-2030	2025-2050
Organics Recycling	257,211	1,546,667
Natural Refrigerants	295,228	1,476,141
Cooling/Heating Centers	1,313	6,967
Advanced EPCs	78,396	423,585
Total	632,148	3,453,359

Attachment C: GHG Emission Reduction Calculations Spreadsheet

Building Community Resilience Through GHG Emission Reductions, NYSDEC

Workbook Contents

Tab Name	Contents
Summary Dashboard	High Level Summary of proposed Measures
Annual Emissions Reductions	Incremental and Cumulative Annual Emissions Reductions for All Measures
Annual Co-Pollutant Reductions	Incremental and Cumulative Co-Pollutant Reductions for All Measures
Data Dictionary	Summary to data names, definitions, and attributes
Measures Impacts	
1. Organic Recycling	GHG Reductions, Cost Effectiveness, and Co-benefits for Measure 1
2. Natural Refrigerants	GHG Reductions, Cost Effectiveness, and Co-benefits for Measure 2
3. Cooling-Heating Centers	GHG Reductions, Cost Effectiveness, and Co-benefits for Measure 3
4. Advanced EPCs	GHG Reductions, Cost Effectiveness, and Co-benefits for Measure 4
Other Analyses	
Low-income & Disadvantaged Communities (LIDAC) Analysis	Quantification of benefits to low-income and disadvantaged communities by measure
Supporting Tables	
Buildings Inputs	Building energy demand, renovation cost, and funding inputs for measure 3 & 4
Funding Matrix	Existing funding opportunities identified for sectors/measures
PATHWAYS Health EF Buildings	Air quality impacts for buildings measures
EPA Grid Emission Factors	NYS Grid emissions factor forecast based on NYS Scoping Plan trajectory and EPA GWP guidance
EPA Emission Factors Hub	Emissions factors and GWPs based on EPA guidance
NYS Upstream Emission Factors	Upstream emissions factors based on NYS Inventory
Climate Leadership and Community Protection Act (CLCPA) Grid	NYS Grid emissions factor forecast based on Scoping Plan trajectory and CLCPA accounting
CLCPA Emission Factors Hub	Emissions factors and GWPs based on CLCPA accounting

Cells in this Scenario Tool are color-coded to indicate intent:

Cell Style	Purpose/Definition
Data source	Link to data source
Additional inputs	Hardcoded input values for calculations
Optional user inputs	User can select cell to view discrete input options
Calculators or fixed values	Calculations not intended to be modified by user
Calculators (different from the neighborhood tool)	Calculations not intended to be modified by user
Table Headers	
Table Sub-Headers	
Table Index (Row Description)	

User Selections		
GHG Emissions Factor	CLCPA (Combined) - Fed GWP	Standard assumption: CLCPA (Combined) - Fed GWP
Upstream Emissions	Included	Standard assumption: Included

Measures			Quantified GHG Reduction Measures		Benefits Analysis		Low-Income and Disadvantaged Communities Benefits
Measure Number	Measure Name	CPRG Key Sector	GHG Reductions 2025-2030 (MT CO2e)	GHG Reductions 2035-2050 (MT CO2e)	Co-Pollutant Reduction (CPRG-related)	Co-Pollutant Reduction (program total)	Co-Pollutant Reduction for LIDAC
1	Organics Recycling	Waste and Materials Management			NA	NA	NA
2	Natural Refrigerants	Buildings			NA	NA	NA
3	Cooling/Heating Centers	Buildings	#VALUE!	#VALUE!	#VALUE!	#VALUE!	#VALUE!
4	Advanced EPCs	Buildings	0	0	0 tonnes NO _x , 0 tonnes NO _y , 0 tonnes PM _{2.5} , 0 tonnes SO ₂ , 0 tonnes VOC	0 tonnes NO _x , 0 tonnes NO _y , 0 tonnes PM _{2.5} , 0 tonnes SO ₂ , 0 tonnes VOC	0 tonnes NO _x , 0 tonnes NO _y , 0 tonnes PM _{2.5} , 0 tonnes SO ₂ , 0 tonnes VOC
Total Program			#VALUE!	#VALUE!	#VALUE!	#VALUE!	#VALUE!

2019-2020 Financial Report		2018-2019 Financial Report		2017-2018 Financial Report	
Category	2019-2020	2018-2019	Category	2018-2019	2017-2018
Revenue	1000	1000	Revenue	1000	1000
Expenses	500	500	Expenses	500	500
Net Income	500	500	Net Income	500	500

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2019-2020 Financial Report		2018-2019 Financial Report		2017-2018 Financial Report	
Category	2019-2020	2018-2019	Category	2018-2019	2017-2018
Revenue	1000	1000	Revenue	1000	1000
Expenses	500	500	Expenses	500	500
Net Income	500	500	Net Income	500	500

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2019-2020 Financial Report		2018-2019 Financial Report		2017-2018 Financial Report	
Category	2019-2020	2018-2019	Category	2018-2019	2017-2018
Revenue	1000	1000	Revenue	1000	1000
Expenses	500	500	Expenses	500	500
Net Income	500	500	Net Income	500	500

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Data Dictionary

Measure	Data Element	Unit/Formula	Description	Data Source	Notes
Admissions	Federal Fuel Emissions Factors	Emissions Factor (MTCO2e/MMBtu)	Emissions factors for fuels under federal accounting	0.06	EPA Emissions Factors Hub (22 September 2020)
Admissions	Upstream Fuel Emissions Factors	Emissions Factor (MTCO2e/MMBtu) or CO2e/MMBtu or GJ/MMBtu	Upstream emissions factors for fuels	12,298	NYE 2022 Database GHG Emissions Report
Admissions	CLCPA Fuel Emissions Factors	Emissions Factor (MTCO2e/MMBtu)	Emissions factors for fuels under CLCPA accounting	3.10	Fossil and Biogenic Greenhouse Gas Emissions Factors, NYSERDA (May 2021)
Admissions	Federal Global Warming Potential	100-Year GWP	Global warming potential of greenhouse gases under federal accounting	28	EPA F-Gas Assessment Report 2013 EPA Implementation Green Guidance
Admissions	CLCPA Global Warming Potential	100-Year GWP	Global warming potential of greenhouse gases under CLCPA accounting	48	Fossil and Biogenic Greenhouse Gas Emissions Factors, NYSERDA (May 2021)
Admissions	Federal GHG Emissions Projection	Emissions Factor (MTCO2e/MMBtu)	Average emissions factor of electricity in NY	0.002	Integration Analysis / Federal GWP
Admissions	CLCPA GHG Emissions Projection	Emissions Factor (MTCO2e/MMBtu)	Average emissions factor of electricity in NY	0.003	Integration Analysis / CLCPA GWP
Admissions	Cooling Loadings	Loadings (tonnage) with CFHS/Incentives	Loadings and data loading indicators to measure	See Funding Matrix on	See Funding Matrix for GHG loading data
Organics Recycling	Measure Size	Organics Collection Grains - 1st Round	Number of grains awarded during first round of Organics Recycling Grants	20	Agency input
Organics Recycling	Measure Size	Organics Collection Grains - 2nd Round	Number of grains awarded during second round of Organics Recycling Grants	20	Agency input
Organics Recycling	Measure Cost	Investment Amount per Grant - 1st Round	Amount of funds awarded per first round grant	\$ 500,000	Agency input
Organics Recycling	Measure Cost	Investment Amount per Grant - 2nd Round	Amount of funds awarded per second round grant	\$ 500,000	Agency input
Organics Recycling	Measure Impact	0-tonnes	Organics diverted per grant dollar spent (0-tonnes)	50	Agency input
Organics Recycling	Measure Lifetime	Years	Number of years an organics grant results in diverted organics	10	USGA Commission Predictive Overview (2020)
Organics Recycling	Measure Impact	Composting MTCO2e/Short Ton of Mixed Organics Waste	Emissions reduction per short ton of organics composted instead of landfilled	-0.29	EPA WARM
Natural Refrigerants	Measure Size	Number of Supermarkets Converted	Number of supermarkets converted using CFCs funds	600	Agency input
Natural Refrigerants	Measure Cost	CFCs Investment Amount per Project	Average CFCs invested per supermarket conversion	\$ 500,000	Agency input
Natural Refrigerants	Refrigerant Assumptions	100-year GWP - R627A (iso-butane)	Global warming potential of refrigerant used in existing supermarkets under federal accounting	3,985	EPA
Natural Refrigerants	Refrigerant Assumptions	100-year GWP - R624 (mixture)	Global warming potential of refrigerant used in converted supermarkets under federal accounting	1	EPA
Natural Refrigerants	Refrigerant Assumptions	20-year GWP - R627A (iso-butane)	Global warming potential of refrigerant used in existing supermarkets under CLCPA accounting	7,343	Agency input
Natural Refrigerants	Refrigerant Assumptions	20-year GWP - R624 (mixture)	Global warming potential of refrigerant used in converted supermarkets under CLCPA accounting	1	Agency input
Natural Refrigerants	Refrigerant Assumptions	Amount of Refrigerant	Refrigerant charge per existing supermarket (kg)	1,028.83	Agency input
Natural Refrigerants	Refrigerant Assumptions	Annual Leakage Rate	Annual leakage rate of existing supermarkets (%)	28.2%	GHG F-Gas Reduction Incentive Measure User Guide
Natural Refrigerants	Measure Lifetime	1-timeline	Years	10	GHG F-Gas Reduction Incentive Measure User Guide
Natural Refrigerants	Cost per Conversion	Total System Cost	Average system cost to convert supermarkets from R627A to R624 refrigerant	\$ 800,000	GHG F-Gas Reduction Incentive Measure User Guide
Cooling/Heating Devices	Measure Size	Number of Resiliently Sited Facilities	Number of commercial buildings that have a combination of fuel diversity, shell upgrade, and on-site solar installed	10	Agency input
Cooling/Heating Devices	Measure Size	Cost per Building	Cost of installation of a building that receives shell upgrade and ABHP and additional cooling/heating center expense	\$ 3,000,000	Agency input
Cooling/Heating Devices & Advanced EPGs	Building Co. Physical Emissions Fee	Emissions Factor (kg/RTU or kg/tenant)	Average emissions factor by fuel type for NG, Oil, Propane, and Wood	6.803	Integration Analysis / DEC data
Cooling/Heating Devices & Advanced EPGs	Energy Impact per Building	Annual Average Energy Savings - Base Load + ABHP	MWh of natural gas saved per building that has a shell upgrade and ABHP installed	Comstock CRECS	Comstock CRECS
Cooling/Heating Devices & Advanced EPGs	Measure Lifetime	1-timeline	1-timeline of energy efficiency and/or shell upgrade installations	16	Integration Analysis / Annex 1
Advanced EPGs	Measure Size	Number of EPGs Portfolios Supported	Number of EPG portfolios supported by NYE	80	Agency input
Advanced EPGs	Measure Size	Buildings per EPG Portfolio	Average number of buildings within an EPG portfolio	8	Agency input

Benefits Accruing to Low-Income and Disadvantaged Communities

A. LIDAC Benefits Summary

Measure	Location(s)	% of air quality improvements impacting LIDAC Communities	% of workforce development impacting LIDAC communities
Organics Recycling	Statewide program	41%	41%
Natural Refrigerants	Targeted LIDAC program	100%	41%
Cooling/Heating Centers	Targeted LIDAC program	100%	41%
Advanced EPCs	Partially Targeted Program*	49%	41%

**40 buildings in LIDAC communities, remaining 260 evenly distributed*

B. Percent of NYS population in LIDAC areas

Total LIDAC	Total State	LIDAC %
8,278,220	20,201,249	41%

Sector	Associated Measure	Source	Funding	Total Amount Available	Applicable to Measure?	Incorporated into Measure?	Funding Limit	Funding overlapping with EPAC Measure?	Description	Treatment in Analysis	Link
Waste and Materials Management	Organics Recycling	Federal	CWR Composting and Food Waste Reduction Programs	\$ 6,500,000	No	No	per Grant		To assist local and municipal governments with projects that develop and test strategies for planning and implementing municipal compost plans and food waste reduction plans, New York has been awarded "543K"	Disqualifed because funding likely will not be renewed for additional years and project funds awarded to NY must be spent before 2025 (within two years).	https://www.nyc.gov/office-of-the-comptroller/reports-and-publications
Buildings	Natural Refrigerants	Federal	AM- HFC Refill and Innovative Destruction Grants	\$ 14,250,000	No	No	Total		Consent grants for reclaim and innovative destruction technology	Disqualifed because funding is focused on pilot programs demonstrating technology impacting market dynamics, rather than funding for conversion projects.	https://www.epa.gov/stratospheric-hydrocarbons-reduction/background-2019-and-2020
Buildings	Cooling/Heating Centers; EPC	Federal	Commercial EE credit - (1796)		Yes	Yes	\$/sqft		Accelerated depreciation - designers claim on behalf of municipality. 50% can accelerate depreciation. 25-30% is actually recovered by municipality as a cost offset. Would ultimately be negotiated between municipality and EPCO.	Qualified, see credits can apply to municipal buildings	
Buildings	Cooling/Heating Centers; EPC	Federal	Solar ITC - Base Credit		Yes	Yes	% investment	10%	Direct pay can leverage for municipalities. Tax exempt financing benefits by 15%	Qualified, see credits can apply to municipal buildings	
Buildings	Cooling/Heating Centers; EPC	Federal	Solar ITC - Domestic Content Bonus		Yes	Yes	% investment	10%	Direct pay can leverage for municipalities. Tax exempt financing benefits by 15%	Qualified, see credits can apply to municipal buildings	
Buildings	Cooling/Heating Centers; EPC	Federal	Solar ITC - Energy Community Bonus		Yes	Yes	% investment	10%	Direct pay can leverage for municipalities. Tax exempt financing benefits by 15%	Qualified, see credits can apply to municipal buildings	
Buildings	Cooling/Heating Centers; EPC	NY	NY Sun (Non-residential)		Yes	Yes	\$/W		NY Sun works directly with solar contractor and developer to offset the cost for New York residents to go solar. Incentives are provided directly to the contractor and vary throughout the State. Incentives are granted on a first-come, first-served basis, and applications will be accepted through December 31, 2020, or until funds are fully committed, whichever is earlier.		https://www.nyserda.ny.gov/All-Programs/NY-Sun/Contractors/Downloads-and-Resources/Update-Booklet
Buildings	Cooling/Heating Centers; EPC	Federal	EA - Energy Efficiency Resilient Loan Fund Capitalization Grant	\$ 250,000,000	No	No			Formula grant - Directs the Department of Energy, under the State Energy Program, to establish a program to provide capitalization grants to states to establish grant/loan programs to offer energy audits and retrofits. State governments will receive funds and then create revolving loan programs, providing access to a variety of potential end users. Forty percent of all funds will be distributed to states per State Energy Program formula; remaining 60 percent to be distributed as supplemental grants to top-performing and energy-conscious states. Supplemental grants to priority states may not exceed \$15 million. Up to 25 percent of funds granted to a state may be used for grants to small businesses and qualifying low-income homeowners.		https://www.energy.gov/eo13801/energy-efficiency-revolving-loan-fund-capitalization-grant-program
Buildings	Cooling/Heating Centers; EPC	NY	NY Climate Friendly Homes Fund	\$ 250,000,000	No	No	per MF Unit		Community Preservation Corporation administering programs to identify and perform EE at 20,000 MF units over 1 year. Must be in buildings with between 5 and 50 residential units, and have a current regulatory agreement with a state or city housing agency to provide affordable housing CE to be located in LIDAC community.	Disqualifed because this grant funding is available for residential buildings, rather than government/commercial	https://per.ny.gov/climate-friendly-homes-fund
Buildings	Cooling/Heating Centers; EPC	Federal	HUD - The Green and Resilient Benefits Program	\$ 800,000,000	No	No	Total		To provide funding to properties with a high need for investment in energy efficiency and climate resilience.	Disqualifed because 4 funds HUD assisted multi-family properties.	https://www.hud.gov/G88PW289_Grants_Goals
Buildings	Cooling/Heating Centers; EPC	NY	Commercial and Industrial Accelerated Efficiency Program	\$ 10,000,000	No	No	Per project		Program awards will range from \$500,000 to \$5-million for projects that can be completed and operational by the end of 2025. Eligible measures include energy efficiency and process improvements, heat pumps, identification of thermal loads, and energy management systems and controls.	Disqualifed because of focus on large energy users and requirement that projects be completed by the end of 2025.	https://www.ceditny.com/news/new-york-incentives-to-improve-energy-efficiency-commercial-and-industrial-2020/
Energy	Cooling/Heating Centers; EPC	Federal	Greenhouse Gas Reduction Fund - Solar for All	\$ 7,000,000,000	No	No	Total		To provide up to 80 grants to States, Tribal governments, municipalities, and nonprofits to expand the number of low-income and disadvantaged communities that are prepared for residential and community solar investment—enabling millions of families to access affordable, resilient, and clean solar energy.	Disqualifed because funding is for statewide low-income solar programs.	https://www.epa.gov/greenhouse-gas-reduction-fund/solar-all

Sector	Fuel	Pollutant	Pollutant Code	Emissions Factor	Numerator	Denominator	Numerator	Emissions Factor (KG)
Commercial	Coal	Ammonia	NH3	0.03	LB	TON	KG	0.01333333
Industrial	Distillate Fuel Oil	Ammonia	NH3	0.8	LB	E3GAL	KG	0.35555556
Industrial	Residual Oil	Ammonia	NH3	0.8	LB	E3GAL	KG	0.35555556
Industrial	Natural Gas	Ammonia	NH3	3.2	LB	E6FT3	KG	1.42222222
Industrial	Wood	Ammonia	NH3	0.007	LB	E6BTU	KG	0.00311111
Industrial	Coal	Ammonia	NH3	0.03	LB	TON	KG	0.01333333
Commercial	Distillate Fuel Oil	Ammonia	NH3	0.8	LB	E3GAL	KG	0.35555556
Commercial	Residual Oil	Ammonia	NH3	0.8	LB	E3GAL	KG	0.35555556
Commercial	Natural Gas	Ammonia	NH3	0.49	LB	E6FT3	KG	0.21777778
Commercial	Wood	Ammonia	NH3	0.005	LB	E6BTU	KG	0.00222222
Residential	Coal	Ammonia	NH3	2	LB	TON	KG	0.88888889
Residential	Distillate Fuel Oil	Ammonia	NH3	1	LB	E3GAL	KG	0.44444444
Residential	Natural Gas	Ammonia	NH3	20	LB	E6FT3	KG	8.88888889
Residential	LPG	Ammonia	NH3	1.95	LB	E3BBL	KG	0.86666667
Residential	Wood	Ammonia	NH3	0.1016	LB	E6BTU	KG	0.04515556
Commercial	Coal	Nitrogen Oxides	NOX	10.2	LB	TON	KG	4.53333333
Industrial	Distillate Fuel Oil	Nitrogen Oxides	NOX	312	LB	E3GAL	KG	138.666667
Industrial	Residual Oil	Nitrogen Oxides	NOX	55	LB	E3GAL	KG	24.44444444
Industrial	Natural Gas	Nitrogen Oxides	NOX	100	LB	E6FT3	KG	44.44444444
Industrial	Wood	Nitrogen Oxides	NOX	0.22	LB	E6BTU	KG	0.09777778
Industrial	Coal	Nitrogen Oxides	NOX	10.2	LB	TON	KG	4.53333333
Commercial	Distillate Fuel Oil	Nitrogen Oxides	NOX	20	LB	E3GAL	KG	8.88888889
Commercial	Residual Oil	Nitrogen Oxides	NOX	55	LB	E3GAL	KG	24.44444444
Commercial	Natural Gas	Nitrogen Oxides	NOX	100	LB	E6FT3	KG	44.44444444
Commercial	Wood	Nitrogen Oxides	NOX	0.22	LB	E6BTU	KG	0.09777778
Residential	Coal	Nitrogen Oxides	NOX	6.66	LB	TON	KG	2.96
Residential	Distillate Fuel Oil	Nitrogen Oxides	NOX	18	LB	E3GAL	KG	8
Residential	Natural Gas	Nitrogen Oxides	NOX	94	LB	E6FT3	KG	41.77777778
Residential	LPG	Nitrogen Oxides	NOX	562.8	LB	E3BBL	KG	250.133333
Residential	Wood	Nitrogen Oxides	NOX	0.2332	LB	E6BTU	KG	0.10364444
Commercial	Coal	PM2.5 Primary	PM25-PRI	4.46112	LB	TON	KG	1.98272
Industrial	Distillate Fuel Oil	PM2.5 Primary	PM25-PRI	24.6	LB	E3GAL	KG	10.9208889
Industrial	Residual Oil	PM2.5 Primary	PM25-PRI	11.230412	LB	E3GAL	KG	4.99129422
Industrial	Natural Gas	PM2.5 Primary	PM25-PRI	0.43	LB	E6FT3	KG	0.19111111
Industrial	Wood	PM2.5 Primary	PM25-PRI	0.447	LB	E6BTU	KG	0.19866667
Industrial	Coal	PM2.5 Primary	PM25-PRI	4.46112	LB	TON	KG	1.98272
Commercial	Distillate Fuel Oil	PM2.5 Primary	PM25-PRI	0.008	LB	E3GAL	KG	0.00355556
Commercial	Residual Oil	PM2.5 Primary	PM25-PRI	5.500512	LB	E3GAL	KG	2.444672
Commercial	Natural Gas	PM2.5 Primary	PM25-PRI	0.43	LB	E6FT3	KG	0.19111111
Commercial	Wood	PM2.5 Primary	PM25-PRI	0.447	LB	E6BTU	KG	0.19866667
Residential	Coal	PM2.5 Primary	PM25-PRI	4.776	LB	TON	KG	2.12266667
Residential	Distillate Fuel Oil	PM2.5 Primary	PM25-PRI	0.008	LB	E3GAL	KG	0.00355556
Residential	Natural Gas	PM2.5 Primary	PM25-PRI	0.43	LB	E6FT3	KG	0.19111111
Residential	LPG	PM2.5 Primary	PM25-PRI	1.71	LB	E3BBL	KG	0.76
Residential	Wood	PM2.5 Primary	PM25-PRI	1.8559	LB	E6BTU	KG	0.82484444
Commercial	Coal	Sulfur Dioxide	SO2	72.896	LB	TON	KG	32.3982222
Industrial	Distillate Fuel Oil	Sulfur Dioxide	SO2	1.99	LB	E3GAL	KG	0.88571111
Industrial	Residual Oil	Sulfur Dioxide	SO2	240.21	LB	E3GAL	KG	106.76
Industrial	Natural Gas	Sulfur Dioxide	SO2	0.6	LB	E6FT3	KG	0.26666667
Industrial	Wood	Sulfur Dioxide	SO2	0.025	LB	E6BTU	KG	0.01111111
Industrial	Coal	Sulfur Dioxide	SO2	48.184	LB	TON	KG	21.4151111
Commercial	Distillate Fuel Oil	Sulfur Dioxide	SO2	0.213	LB	E3GAL	KG	0.09466667
Commercial	Residual Oil	Sulfur Dioxide	SO2	240.21	LB	E3GAL	KG	106.76
Commercial	Natural Gas	Sulfur Dioxide	SO2	0.6	LB	E6FT3	KG	0.26666667
Commercial	Wood	Sulfur Dioxide	SO2	0.025	LB	E6BTU	KG	0.01111111
Residential	Coal	Sulfur Dioxide	SO2	34.2	LB	TON	KG	15.2
Residential	Distillate Fuel Oil	Sulfur Dioxide	SO2	0.213	LB	E3GAL	KG	0.09466667
Residential	Natural Gas	Sulfur Dioxide	SO2	0.6	LB	E6FT3	KG	0.26666667
Residential	LPG	Sulfur Dioxide	SO2	2.39	LB	E3BBL	KG	1.06222222
Residential	Wood	Sulfur Dioxide	SO2	0.0554	LB	E6BTU	KG	0.02462222
Commercial	Coal	Volatile Organic Compounds	VOC	0.15	LB	TON	KG	0.06666667
Industrial	Distillate Fuel Oil	Volatile Organic Compounds	VOC	21.1	LB	E3GAL	KG	9.37777778
Industrial	Residual Oil	Volatile Organic Compounds	VOC	0.28	LB	E3GAL	KG	0.12444444
Industrial	Natural Gas	Volatile Organic Compounds	VOC	5.5	LB	E6FT3	KG	2.44444444
Industrial	Wood	Volatile Organic Compounds	VOC	0.017	LB	E6BTU	KG	0.00755556
Industrial	Coal	Volatile Organic Compounds	VOC	0.15	LB	TON	KG	0.06666667
Commercial	Distillate Fuel Oil	Volatile Organic Compounds	VOC	0.34	LB	E3GAL	KG	0.15111111

Commercial	Residual Oil	Volatile Organic Compounds	VOC	1.13	LB	E3GAL	KG	0.50222222
Commercial	Natural Gas	Volatile Organic Compounds	VOC	5.5	LB	E6FT3	KG	2.44444444
Commercial	Wood	Volatile Organic Compounds	VOC	0.017	LB	E6BTU	KG	0.00755556
Residential	Coal	Volatile Organic Compounds	VOC	10	LB	TON	KG	4.44444444
Residential	Distillate Fuel Oil	Volatile Organic Compounds	VOC	0.713	LB	E3GAL	KG	0.31688889
Residential	Natural Gas	Volatile Organic Compounds	VOC	5.5	LB	E6FT3	KG	2.44444444
Residential	LPG	Volatile Organic Compounds	VOC	21.91	LB	E3BBL	KG	9.73777778
Residential	Wood	Volatile Organic Compounds	VOC	1.9178	LB	E6BTU	KG	0.85235556

2022 NYS Statewide GHG Emissions Report

Upstream Emissions Rates				
Fuel Type	Unit	CO2	CH4	N2O
Natural Gas	g/mmbtu	12206	350	0.14
High Heating Value				
Fuel Type	Unit	HHV		
Natural Gas	mmbtu/SCF	0.001034		

CLCPA Emission Factors for Greenhouse Gas Inventories

Source: [NYSERDA Fossil and Biogenic Fuel Greenhouse Gas Emission Factors, May 2023](#)

Gas	20-Year GWP
CO ₂	1
CH ₄	84
N ₂ O	264

		MT/mmBtu				MT/gallon
Sector	Fuel	CO ₂	CH ₄	N ₂ O	CO ₂ e	
Residential and Commercial Buildings	Natural Gas	0.06500	0.00036	0.0000002	0.09550	
	Heating Oil - Fossil	0.08930	0.00013	0.0000009	0.10100	
Electricity Generation	Natural Gas	0.06500	0.00036	0.0000005	0.09520	

Building Community Resilience through Greenhouse Gas Emission Reductions Climate Pollution Reduction Grants – Implementation Grants General Competition Workplan

1. OVERALL PROJECT SUMMARY AND APPROACH

a. Description of GHG Reduction Measures

The overarching goal of this application is to help build community resilience through greenhouse gas (GHG) emission reductions while delivering benefits to disadvantaged communities in furtherance of the goals of the Justice40 Initiative and New York State’s Climate Leadership and Community Protection Act (Climate Act). This includes addressing key sources of GHG emissions from facilities that serve communities, such as facilities that support food security, heat resiliency, and offer other critical public services. The selection of measures described in this application include addressing specific gaps in federal and State funding for disadvantaged communities and local governments, two core stakeholder groups often challenged by lack of available resources to invest in climate. The measures are intended to improve upon existing State programs, which often address climate change mitigation or climate resilience, but not both, or focus on a single emission source or sector. Instead of limiting focus to one sector or strategy, this application seeks to maximize benefits to communities by simultaneously reducing GHG and co-pollutant emissions while enhancing resilience to climate change and addressing multiple types of GHG emission sources at once. Each measure described in this application aligns with the Climate Pollution Reduction Grants (CPRG) Program Priority Climate Action Plan (PCAP) for New York State. Additionally, each of these measures supports the U.S. Environmental Protection Agency (EPA) Fiscal Year (FY) 2022-2026 Strategic Plan Goal 1 “Tackle the Climate Crisis” Objective 1.1, “Reduce Emissions that Cause Climate Change.”

There are four individual measures described in this application that complement one another and were strategically selected to be implemented together to maximize benefits to New Yorkers, particularly New Yorkers who live and work in low-income and disadvantaged communities (LIDAC). The four measures listed below are described in more detail throughout the application:

- 1) Support organics recycling and food waste diversion;
- 2) Phase out hydrofluorocarbons and support natural refrigerants;
- 3) Create green community cooling and heating centers; and
- 4) Support advanced energy performance contracting for local governments.

The key sources of emissions addressed in this application are those associated with community resiliency services and emissions associated with the buildings and waste sectors. These are also among the largest sources of GHG emissions in New York State, and therefore highlighted as priorities in the CPRG Program PCAP for New York State. These two sectors are also the largest sources of short-lived climate pollutants, methane (CH₄), and hydrofluorocarbons (HFCs). The measures in this application would not only reduce those emissions but also stimulate the growth and adoption of future-proof technologies.

The New York State Department of Environmental Conservation (NYSDEC) seeks to partner with the New York State Energy Research and Development Authority (NYSERDA) to implement the four GHG reduction measures in this application.

Measure 1: Support Organics Recycling

In 2023, 17.9 million tons of municipal solid waste was generated in New York State. Of that amount, 17.65% was food scraps, equaling 3.2 million tons. Of the 3.2 million tons of food scraps, only an estimated 2.83% was diverted from disposal. Unfortunately, 97% of the food scraps generated in New York State are not diverted and continue to be disposed, mostly by being landfilled. There is a significant need and opportunity to increase food scraps diversion, reduce the landfilling of organic waste, and realize the associated benefits. This includes avoided CH₄ emissions from landfills and an increased opportunity to bolster food security in communities statewide through donations of wholesome excess food. The diversion of food scraps from disposal is consistent with the recently released Wasted Food Scale issued by EPA and EPA's policies and publications that strongly support food waste diversion and outline the positive climate impacts from a reduction in landfilling of these materials. NYSDEC also recognizes the partnership between EPA, the U.S. Department of Agriculture (USDA), and the U.S. Food and Drug Administration that outlines strategies to move toward a more circular economy.¹ Efforts to increase food waste recycling infrastructure is a key strategy to support the national strategy and is also consistent with New York State's goals and policies.²

Landfilling in New York State is relatively easy, which makes organics recycling less attractive to the private and municipal sectors. NYSDEC currently implements several strategies to prioritize wasted food reduction, food donation, and food scraps recycling programs and initiatives in the commercial, industrial, agricultural, and institutional sectors. NYSDEC's ongoing and future initiatives aim to support the continued development of the organics recycling industry in New York State and empower residents to properly manage excess food, reduce wasted food, and recycle their food scraps. This measure would support those efforts by providing funding to grow the infrastructure to recycle food scraps through composting or other acceptable organics recycling methods.

NYSDEC regulates approximately 60 composting facilities to compost food scraps, approximately one-third of which are operated by a municipality; the remaining two-thirds are privately owned and operated. Additionally, there is a larger group of municipalities and nonprofit organizations that operate food scraps drop-off and curbside collection programs to recycle food scraps at a nearby composting operation. Through NYSDEC's existing grant program structure, CPRG funds would be used to provide 20 grants by mid-2026 to local governments or nonprofits and another 20 grants by the end of 2030. NYSDEC staff would administer the grant program, meaning more funding will reach the entities that will develop new or expanded organics recycling facilities. Projects may include starting or expanding a food scraps composting facility, expanding a yard trimmings composting facility to accept food scraps, starting a food scraps drop-off program, purchasing equipment to process food scraps, or purchasing equipment to transport food scraps. Traditionally, NYSDEC grant programs for organics recycling facilities have required a 25% cost share from the municipality or nonprofit organization; the same cost share would be used for this program. NYSDEC is prepared to act quickly to begin community engagement to design a successful program and release a Request for Applications (RFA) to kick-off the project selection. Since advancing the Justice40 Initiative and New York's disadvantaged communities mandate are central to these measures, as the program is developed, NYSDEC will determine, along with community partners, how best to ensure the program results in real benefits to disadvantaged communities. For example, food waste programs can support food security and food relief organizations by diverting excess wholesome food.

¹ Draft National Strategy for Reducing Food Loss and Waste and Recycling Organics, released on December 2, 2023.

² New York State goals and policies include recommendations found in the New York State Solid Waste Management Plan and the Climate Action Council Scoping Plan.

In addition, NYSDEC intends to establish synergy between the measures contained in this application. More specifically, NYSDEC seeks to explore ways to establish partnerships between potential project sponsors in different measures. For example, there may be opportunities for project sponsors that receive funds through the natural refrigerants measure (see *Measure 2: Phase Out Hydrofluorocarbons and Support Natural Refrigerants*) to take greater action in diverting and/or donating food waste. Concurrently, existing New York State laws and regulations related to food donation and recycling³ inherently establish these synergies. As additional organics recycling infrastructure is established through this measure, more businesses and institutions are captured by existing laws and regulations.

Table 1 details tasks and milestones for implementation of the proposed measure to support organics recycling. The period of performance is October 2024 – October 2029. Table 2 details anticipated risks associated with measure implementation and mitigation strategies for each risk.

Table 1. Support Organics Recycling - Tasks and Milestones

Task #	Task Description	Anticipated Milestone Dates	Assumptions
1.1	Community engagement to determine scope of organics recycling facility grants program	October 2024 – April 2025	Use of NYSDEC resources (social media, direct engagement, etc.) to solicit input
1.2	Hire and train additional NYSDEC staff to manage organics reduction and recycling grants program	April 2025	Leverage existing recruitment practices to obtain staff with required expertise
1.3	Preparation of RFA that outlines program details	May 2025 – July 2025	RFA developed in compliance with fiscal requirements and in consideration of community input
1.4	Educate potential grantees on the details of the program	August 2025 – October 2025	NYSDEC to develop guidance materials for applicants
1.5	Review grant applications, select projects, develop contracts for awardees	October 2025 – April 2026	Determine if projects meet RFA criteria and develop contract documents
1.6	Prepare and release request for proposal (RFP) for contractor to track and report on program metrics	April 2026 – August 2026	Contractor selected to follow awarded projects
1.7	Provide payments to grantees	August 2026 – end of projects	All payments are processed following fiscal requirements
1.8	Review program impacts and determine best practices / next steps to increase organics sustainability	August 2026 – end of projects	Review data on new quantities of food scraps diverted and evaluate areas for improvement
1.9	Projects complete	October 2029	

Table 2. Support Organics Recycling - Risks and Mitigation Strategies

Risk	Effect on GHG emission reductions	Mitigation Strategy
Delays in program administration	Delays may reduce cumulative GHG emission reductions in the near-term (2025 – 2030)	Use existing NYSDEC staff that currently administer grants to reduce potential obstacles

³ The New York State Food Donation and Food Scraps Recycling law requires businesses and institutions outside of New York City that generate an annual average of two tons of wasted food per week or more to donate excess edible food and recycle all remaining food scraps if they are within 25 miles of an organics recycler.

Program undersubscribed in certain areas	GHG and co-pollutant emission reductions may not occur over same geographic scope as anticipated	Track applicant locations and target outreach to areas where the program is not receiving applications
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Alignment with PCAP

The CPRG Program PCAP for New York State includes section 3.7 “Support Organics Recycling” (page 27) that details the importance of addressing organic waste in an effort to divert material from landfills. The measure will result in significant GHG emissions reductions, as shown in section 2.

Measure 2: Phase Out Hydrofluorocarbons and Support Natural Refrigerants

The New York State Climate Action Council Scoping Plan recommended a combination of regulatory and incentive measures to address food refrigeration facilities, the largest source of HFC emissions. As New York and the U.S. transition away from HFCs with high global warming potentials (GWPs), these facilities will need to replace current technologies with ultra-low or zero GWP alternatives. Natural alternatives, like carbon dioxide, are the optimal, future-proof choice for minimizing environmental impacts and are being increasingly adopted by U.S. supermarkets. Supporting the transition to natural refrigerants, specifically in commercial food stores and other food resiliency facilities in disadvantaged communities, will help ensure food security and reduce GHG emissions in the buildings sector, the largest source of emissions in New York. The federal American Innovation and Manufacturing (AIM) Act and related EPA regulations are phasing down HFC supplies to the U.S. and may require the use of reclaimed refrigerant in the servicing of such commercial food equipment. This measure seeks to support projects that go above and beyond federal or state regulations in an effort to incentivize truly future-proof technologies. This also directly aligns with EPA’s FY 2022-2026 Strategic Plan, Objective 1.1: Reduce Emissions that Cause Climate Change that prioritizes phasing down the “production and consumption of HFCs.”

There are currently no ultra-low or zero GWP refrigerant solutions that are “drop-in,” or that can be installed in existing equipment. The cost to transition from HFCs may be particularly challenging for small, independent businesses and nonprofits and those operating in disadvantaged communities, as they may lack the resources to transition their facilities, with the risk of retailers not prioritizing fresh food options in underserved areas. Food banks, food hubs, and small food stores such as bodegas or corner stores play a critical role in supporting food security and the implementation of this measure would enable their transition away from HFCs. Support for this transition is crucial for businesses and facilities disproportionately impacted by these costs. To implement this measure, NYSDEC would competitively procure a not-for-profit entity to administer a competitive grant program to install new full or partial refrigeration systems that contain natural refrigerants for retail food stores, food banks, and food hubs. In order to serve the goals of the Justice40 Initiative and New York’s disadvantaged communities mandate, only facilities located in disadvantaged communities would be eligible. Projects would be required to demonstrate financial need and a commitment to food security in the community. In addition, preference will be given to projects that can commit to hosting on-site workforce training and/or outreach events in the local community. NYSDEC would work with the program administrator to engage community stakeholders to design the program and ensure benefits are realized in disadvantaged communities. These benefits are discussed in section 4. The program would result in the installation of approximately 100 full or partial refrigeration systems that use natural refrigerants over five years. Projects would vary in size and scale, relative to the facility, and would receive on average an incentive of \$500,000 per project.

NYSDEC recently released, in partnership with effecterra, a report on the opportunities and barriers for the adoption of natural refrigerants in New York State.⁴ The technical working group that supported the report included experts in climate science and fluorinated gases, research and development for natural refrigerant technologies, industry, design and engineering, and safety standards; representatives of equipment end-users; environmental organizations; and New York State and New York City government officials. This measure is a natural progression of the findings of that report, building on existing planning and research, above and beyond the State’s PCAP.

Table 3 details tasks and milestones for implementation of the proposed natural refrigerant measure. The period of performance is October 2024 – October 2029. Table 4 details anticipated risks associated with measure implementation and mitigation strategies for each risk.

Table 3. Phase Out Hydrofluorocarbons - Tasks and Milestones

Task #	Task Description	Anticipated Milestone Dates	Assumptions
2.1	Prepare and release RFP to competitively procure third party administrator	October 2024 – February 2025	Competitive procurement procedures are anticipated to take six months from receipt of award
2.2	Engage with communities to design program specifics	March 2025 – May 2025	Engage with disadvantaged community and professional organizations; Completed in partnership with third party program administrator and current NYSDEC partners
2.3	Program administrator releases first round competitive procurement to solicit projects	May 2025 – June 2025	Concurrent to Task 2.4
2.4	Educate stakeholders and communities about program guidelines	May 2025 – August 2025	Build upon earlier community engagement to target outreach and education to potential project sponsors that will best advance program goals
2.5	Procurement closes and program administrator reviews first round of applications, selects projects, and enters into agreements	August 2025 – November 2025	Two months to evaluate and select successful applications and two months to enter into agreements with project sponsors
2.6	Program administrator releases second round competitive procurement to solicit projects	May 2027 – June 2027	Second phase would address any potential shortcomings from first phase
2.7	Projects completed	October 2029	

Table 4. Phase Out Hydrofluorocarbons - Risks and Mitigation Strategies

Risk	Effect on GHG emission reductions	Mitigation Strategy
Delays in procurement process	Delays may reduce cumulative GHG emission reductions in the near-term (2025 – 2030)	Develop RFP documentation between announcement of award and receipt of assistance agreement to build in more time
Program undersubscribed	GHG emission reductions and co-benefits may not occur over the same geographic scope as anticipated	Track applicant locations and target outreach to areas where the program is not receiving applications

⁴ effecterra. September 2023. Synthesis Report: New York State Assessment of Natural Refrigerants.

Supply chain constraints	A historically low demand for ultra-low and zero GWP options results in fewer options	Combine State regulatory and incentive programs to demonstrate demand
Workforce barriers	The availability of trained installers and servicers affects the adoption of new technologies	Coordinate technician training events at project sites to increase opportunities for the technician workforce to learn about natural refrigerant equipment and systems
Local building codes, particularly for high-pressure CO ₂ systems	State law fully enables any EPA-listed refrigerant, but inconsistent implementation of the State mechanical code at the local level may slow adoption of lower GHG emission systems	Ongoing engagement with code officials and consulting engineers; Support modular systems with charge sizes below current code limits (50 lbs.)

Alignment with PCAP

The CPRG Program PCAP for New York State includes a GHG reduction measure, section 3.6 “Phase Out Hydrofluorocarbons and Support Natural Refrigerants,” (page 25) detailing the impacts of HFCs and the importance of phasing them down. This measure is key to meeting the goals of the CPRG program and will result in significant GHG emission reductions, as detailed in section 2. In addition to this measure’s alignment with New York’s PCAP, New York’s Climate Action Council Scoping Plan recommends a managed and just transition from reliance on HFC use, including through updated regulations; codes, and standards; investments in research and development; and education, training, and outreach.

Measure 3: Create Green Community Cooling/Heating Centers

Over the past year, New York State has experienced a variety of extreme weather events: Buffalo endured the longest non-mountaintop blizzard recorded in the U.S. and 40-year temperature records were broken on Long Island during a three-day heat wave. These patterns of extreme temperatures are anticipated to increase with climate change, including an increase in the number of heatwaves per year and potential changes in polar vortexes. Extreme temperatures disproportionately impact low-income and medically vulnerable communities such as the elderly or those who are burdened by energy costs.

New York State needs to both adapt to climate change and increased extreme temperatures predicted while simultaneously accelerating GHG emission reduction measures to mitigate the worst effects. NYSDEC will subaward funds to NYSERDA to create a Green Community Cooling/Heating Centers grant program to utilize emission reduction measures and technologies to strengthen community resiliency, specifically focusing on providing spaces for New Yorkers to go during extreme temperature events. Within this measure, NYSERDA will seek disadvantaged community stakeholder expertise and lived experience to inform program design. NYSERDA will prioritize facilities selected for upgrades based on whether disadvantaged community members currently use or have expressed sufficient interest in using them in the event of extreme temperatures, as well as facilities that are accessible to people with disabilities and those without a personal vehicle.

This program provides engineering, training, and grant support for neighborhood-level community facility upgrades located in and serving disadvantaged communities. Focusing on facilities that serve disadvantaged communities is aligned with the Justice40 Initiative and New York’s disadvantaged communities mandate. This may include funding for weatherization retrofits, installation of efficient heating and cooling systems, low GWP refrigerants and refrigerant leak management, or passive house design strategies. These measures will improve the energy efficiency of cooling/heating centers which may reduce operating costs. In addition, it will ensure that heating, ventilation, and air conditioning (HVAC) technologies installed are as low-emission and efficient as possible. To effectuate these critical

public health protection facilities, NYSERDA will seek project installations that reduce refrigerant emissions and, where commercially available and feasible, seek to utilize equipment that contains a refrigerant with a GWP of less than 10.

The program will consist of 2 phases:

- 1) Phase 1 would consist of engineering/design services to evaluate a facility for GHG emissions measures that improve cooling/heating center operations, for use in developing procurements for construction services.
- 2) Phase 2 would consist of grants to a subset of facilities that performed engineering studies through Phase 1, or an equivalent study completed independently to implement the most impactful projects. Criteria for selection may include highest and most cost-effective GHG emissions reduced, highest number of disadvantaged community members served, demonstrated use and support by disadvantaged communities, accessibility, vulnerability to climate hazards, and operational readiness.

This two-phased approach will ensure that projects that receive grant funding are most likely to be viable, and not result in canceled projects due to unexpected remediation costs, or other challenges that impede a timely and cost-effective retrofit. Those receiving studies but not proceeding to implementation grants may still use the studies to apply for other funding opportunities. This program would be open to local governments and community-based organizations (CBOs), with engineering services and grants awarded on a competitive basis designed to prioritize establishment of centers in disadvantaged communities. Applicants will be encouraged to demonstrate and leverage relationships between municipal and community-based and community-serving partners, as well as include plans to develop longer-term service agreements or other mechanisms to support facility operations beyond the implementation grant period. Program participants and their stakeholders would also receive thermal resiliency training to ensure that the emissions reductions measures have the most resiliency co-benefits. Phase 1 will result in approximately 18 studies on community facilities across the state and 10 facilities implementing emission reduction measures identified in the studies. In addition, and as discussed in the introduction to this application, NYSERDA intends to establish synergy between the measures contained in this application. For example, as described above, HVAC projects will use ultra-low or zero GWP refrigerants wherever feasible in line with *Measure 2: Phase Out Hydrofluorocarbons and Support Natural Refrigerants*.

Table 5 details tasks and milestones for implementation of the proposed measure. The period of performance is October 2024 – October 2029. Table 6 details anticipated risks associated with measure implementation and mitigation strategies for each risk.

Table 5. Green Community Cooling/Heating Centers - Tasks and Milestones

Task #	Task Description	Anticipated Milestone Dates	Assumptions
3.1	Release solicitation for support contractor(s), municipalities, and CBOs	October 2024	Solicitation developed upon award notification
3.2	Contract with support contractor(s)	February 2025	
3.3	Conduct community engagement to seek input on facility types and siting of facilities in disadvantaged communities	October 2024 – February 2025	
3.4	Contracts with municipalities and CBOs executed	April 2025	

3.5	Phase 1 studies complete	September 2025	
3.6	Phase 2 awardees selected	Jan 2026	Subset of round 1 projects move to round 2
3.7	Phase 2 awardees release solicitations for construction	March 2026	
3.8	Phase 2 awardees select construction firms; Construction starts	September 2026	
3.9	Construction complete	Sept 2028	Estimated up to 2 years for construction
3.10	Evaluation for final report complete	Sept 2029	

Table 6. Green Community Cooling/Heating Centers - Risks and Mitigation Strategies

Risk	Effect on GHG emission reductions	Mitigation Strategy
Delays in program administrator procurement process	Delays may reduce GHG emission reductions in the near-term (2025 – 2030)	Develop solicitation between announcements of awardees and receipt of assistance agreement to build in more time
Delays in construction timelines due to supply chain or other issues		Ensure Phase 1 studies identify most likely construction timeline risks, such as remediation
Delays from continuity of operations during construction		Ensure Phase 1 studies identify operational needs
Costs increase due to inflation, supply chain disruptions, availability, and prices of domestic content	May result in fewer projects implemented, and therefore lower GHG emission reductions	Reduce the number of awards to ensure projects can move forward

Alignment with PCAP

The CPRG Program PCAP for New York State section 3.5 “Create Resilient and Green Public Facilities” (page 23) details the importance of addressing energy use and resiliency in public/community buildings. This proposal measure corresponds to a portion of that PCAP measure. The measure will result in significant GHG emissions reductions, as shown in section 2. In addition, local governments engaged in deep retrofits such as passive house envelope upgrades may also be recruited to and from the Advanced Energy Performance Contracting measure, ensuring not only that individual community facilities receive efficient and resilient upgrades, but municipal portfolios as a whole do as well, including other building types not addressed in this measure.

Measure 4: Support Advanced Energy Performance Contracting for Local Governments

Energy Performance Contracts (EPCs) are a growing market that allow property owners to finance energy work off balance sheet and guarantee cost savings over time. NYSDEC will subaward funds to NYSERDA to innovate on this tested model by training municipalities, providing technical assistance through the design and contracting efforts, reducing risk and predevelopment costs associated with deep decarbonization and electrification, and providing an innovation fund to reduce financial risks associated with EPCs for harder-to-finance buildings and measures, such as historic buildings or beneficial electrification. While EPCs are used today, there are barriers to scale and impact among New York’s municipalities. First, many municipalities lack the required expertise to procure, evaluate, and manage an EPC that is beneficial to their community and meets local needs. Secondly, many municipalities have lengthy procurement processes, which can impose significant delays in project design and completion. Third, municipalities may lack funding for some of the up-front predevelopment

costs that would allow them to get the best and most accurate bids from energy service companies (ESCOs). Fourth, some municipalities may have too few or too small buildings to enter into an EPC on their own. Finally, ESCOs in the EPC market tend to avoid more complex construction scopes, as they have the potential to negatively impact project economics. More difficult projects include electrification of HVAC systems or historic buildings that are very common in New York’s municipal building stock or require costly but necessary remediation or health and safety upgrades.

The program will consist of up to three rounds of support, with each round consisting of 3 phases:

- 1) Phase 1: Predevelopment and procurement support.
This level of support will be available to any municipality that submits a satisfactory application. Services in this phase will consist of utility bill analysis, systems inventories, project scoping, procurement support, access to templates and educational materials, and owners’ representative services. Municipalities will not receive direct incentives in this phase, and instead will receive a certain amount of technical assistance from engineering technical assistance providers procured by NYSERDA.
- 2) Phase 2: Engineering studies.
NYSERDA will provide grants to municipalities to secure detailed design and engineering support for their projects that evaluates opportunities for deep energy retrofits, electrification, addressing historic building considerations, and performing asbestos and lead testing. These grants will be prioritized for disadvantaged communities that have engaged in Phase 1.
- 3) Phase 3: Innovation fund.
NYSERDA will provide incentives to address complex scope that may prevent a project from being financeable via a standard EPC. These grants will be prioritized for disadvantaged communities that have completed Phase 2.

While disadvantaged communities are prioritized, per the Justice40 Initiative and New York’s disadvantaged communities mandate, all communities would receive access to marketing and EPC procurement and predevelopment template materials for use by local governments, as well as access to prequalified lenders and ESCOs that meet certain criteria, such as measurement and verification (M&V) requirements. In addition, NYSERDA and its contractor(s) would help coordinate aggregated bids across municipalities. Such aggregation can achieve economies of scale and enable the inclusion of smaller buildings which would not independently be able to pursue an EPC. In addition, and as discussed in the introduction to this application, NYSERDA intends to establish synergy between the measures contained in this application. For example, local governments engaged in *Measure 3: Create Green Community Cooling/Heating Centers* may also be recruited to or from this measure, ensuring that municipalities consider cost-effective retrofits alongside community resiliency services.

Table 7 details tasks and milestones for implementation of the proposed measure. The period of performance is October 2024 – October 2029. Table 8 details anticipated risks associated with measure implementation and mitigation strategies for each risk.

Table 7. Support Advanced EPCs - Tasks and Milestones

Task #	Task Description	Anticipated Milestone Dates	Assumptions
4.1	Release procurements for qualified lenders and/or ESCO and TA provider(s)	November 2024	
4.2	NYSERDA contracts with lenders/ESCOs/TA providers	February 2025	

4.3	Application for TA released to municipalities	March 2025	
4.4	Round 1 municipalities in contract with NYSERDA	May 2025	TA providers perform Round 1, Phase 1 studies in 5 months
4.5	Round 1 municipalities issue RFPs	Sept 2025	RFPs based on Phase 1 study results
4.6	Round 1 municipalities contracts with ESCOs executed	Mar 2026	6 months to receive and review bids, enter into contracts
4.7	Model documents finalized	May 2026	Informed by best practices & round 1
4.8	Round 2 municipalities in contract with NYSERDA	May 2026	TA providers perform Round 2, Phase 1 studies in 5 months
4.9	Round 2 municipalities issues RFP	Sept 2026	RFPs based on Phase 1 study results
4.10	Round 2 municipalities contracts with ESCOs executed	Mar 2027	
4.11	Round 1 projects construction complete	April 2027	1 year from ESCO contract
4.12	Round 3 municipalities in contract with NYSERDA	May 2027	Round 3 will only take place if funding isn't fully awarded in rounds 1 and 2
4.13	Round 3 municipalities issue RFPs	Sept 2027	RFPs based on Phase 1 study results
4.14	Round 3 municipalities contracts with ESCOs executed	Mar 2028	
4.15	Round 2 projects construction complete, round 1 M&V complete	April 2028	1 year of energy usage for M&V
4.16	Round 3 projects construction completed, round 2 M&V complete	April 2029	
4.17	Final report	October 2029	

Table 8. Support Advanced EPCs - Risks and Mitigation Strategies

Risk	Effect on GHG emission reductions	Mitigation Strategy
Supply chain and inflation disruptions limit ability to offer EPCs with good terms or on-time project completions	Delays or fewer financeable projects to realize emissions reductions	Adjust EPC scopes as needed
Lack of interest from local governments in participating	Fewer GHG and co-pollutant emission-reducing project realized	Leverage existing outreach networks to market program to local governments; adjust program rules between solicitation rounds
Need for continued building use impacts construction schedule	Delays in realizing GHG and co-pollutant emission reductions	Technical assistance providers can identify operational needs in advance of procurement to mitigate delays

Alignment with PCAP

The CPRG Program PCAP for New York State includes section 3.5 “Create Resilient and Green Public Facilities” (page 23), which details the importance of scaling up the impacts of energy performance contracting. This proposal measure corresponds to a portion of that PCAP measure. The measure will result in significant GHG emissions reductions, as shown in section 2.

b. Demonstration of Funding Need

CPRG implementation funding is necessary to fully implement the proposed measures. In some cases, there is limited existing funding to support these measures (e.g., existing programming to support food waste diversion), but the need outweighs available funds and CPRG funds are critical in order to realize

transformational change. Entities in New York State would not be eligible to apply for funding opportunities under these measures if they are awarded through the CPRG program for the same scope of work. The following subsection details the federal and non-federal funding sources that NYSDEC and NYSERDA have explored or applied for that are related to the proposed measures.

Measure 1: Support Organics Recycling

To date, funding to support food scraps and recycling initiatives has been largely dependent on annual state budget appropriations. Since 2010, NYSDEC has provided approximately \$11 million in funding to municipalities for food donation and food scraps recycling. However, available funding is insufficient to meet existing demand and NYSDEC anticipates an increased need for additional funding as the organics recycling industry continues to develop both in the public and private sectors. This measure would provide critically needed funds for municipal governments and would also seek to fill a gap in funding for nonprofit organics recycling organizations. Governments in New York have been awarded \$434,000 in federal funding through USDA Composting and Food Waste Reduction Agreements⁵ and Chemung County in New York was recently awarded a \$1.7 million Solid Waste Infrastructure for Recycling grant from EPA. This all reflects a need for a larger, more comprehensive grant program that would have the capacity to support a large number of communities over the next several years. Funding for this measure at the requested level would allow NYSDEC to accomplish the goals and outcomes described throughout this application.

Measure 2: Phase Out Hydrofluorocarbons and Support Natural Refrigerants

There are no funding sources identified for this measure. The New York State Environmental Protection Fund supports a pilot program, implemented by NYSDEC in partnership with a national nonprofit, to replace refrigeration equipment in facilities that use high-GWP substances with equipment that uses natural refrigerants. A larger and more sustained funding source is required to successfully implement this measure and to realize GHG emission reductions at scale, particularly to provide resources to smaller stores in disadvantaged communities. Refer to section 1.a. *Measure 2: Phase of Hydrofluorocarbons and Support Natural Refrigerants* for a detailed discussion of the facility transition costs and barriers for food refrigeration facilities that would be mitigated through funding for this measure.

Measure 3: Create Green Community Cooling/Heating Centers

It is assumed that all projects will leverage any available incentives to the extent that they remain available, such as the Federal Commercial Energy Efficiency Credit (179D). While these incentives may defray some of the costs, they are insufficient to ensure the deep level of envelope work proposed here in order to drive the greatest GHG emission reductions and passive thermal resilience co-benefits and do not address the predevelopment costs supported through this program. There are currently no ratepayer-funded utility or NYSERDA incentives approved for use after 2025, when these projects would be constructed. In the event ratepayer-funded incentives are made available, these projects would leverage that funding.

Measure 4: Support Advanced Energy Performance Contracting for Local Governments

The exact energy conservation measures included in each EPC will dictate which funding opportunities are available to support project implementation by blending those incentives into the financing

⁵ USDA awarded five entities across New York, including New York City, the City of Troy, the Town of Geneva, Tompkins County, and the Seneca Nation of Indians.

arrangement. All projects will be required to leverage eligible incentives, including federal tax credits and any relevant ratepayer-funded utility or NYSERDA incentives that may become available after 2025. NYSERDA is not aware of any state, federal, or other funding opportunities that support the predevelopment, engineering, and gap-filling support that would be provided by this measure.

c. Transformative Impact

The measures proposed in this application have the potential to create transformative impacts that lead to further significant GHG emission reductions, particularly if implemented simultaneously. These impacts can be realized by highlighting successfully implemented projects and stimulating the market. NYSDEC and NYSERDA are prepared to implement these measures quickly, which will allow others to follow suit and reduce GHG and co-pollutant emissions in the near-term.

Measure 1: Support Organics Recycling

- This measure increases the number of organics recycling facilities that accept food waste. The presence of successful facilities will motivate other municipalities to implement similar projects.
- An increase in organics recycling facilities will help to transform how food scraps are perceived. They will be perceived as a resource as opposed to a waste, which help to achieve a circular economy. This realization will also bolster food waste reduction and food donation while providing wholesome food to people in need.
- An increase in organics recycling can also reduce GHG emissions in other waste-related sectors such as emissions from the disposal of paper. As people become more cognizant of the circular economy, it will also lead to reduction and recycling in other sectors.

Measure 2: Phase Out Hydrofluorocarbons and Support Natural Refrigerants

- This measure will help to develop the supply chain for natural refrigerants and the associated technologies and equipment. There is market momentum in applications of transcritical CO₂ systems in retail food stores in North America. In 2023, the market penetration out of 231,443 retail food stores in North America is 1.27%, up from 0.7% in 2022, with these systems installed in 4.1% of supermarkets and grocery stores.⁶ There is incredible opportunity for this measure to accelerate this market transformation, driving down costs and increasing the uptake of CO₂ and other natural refrigeration systems.
- NYSDEC funded a natural refrigerant demonstration project that included transitioning a larger, traditional refrigeration rack to a more modular system that uses a smaller charge size and can also be used for space heating and cooling. These solutions address some of the challenges to this transition, including challenges related to building codes, as described in Table 4.

Measure 3: Create Green Community Cooling/Heating Centers

- This measure will develop replicable models for simultaneously addressing GHG emissions and increased need for space heating/cooling in a changing climate, which may otherwise result in conflicting priorities wherein the increased need for heating and cooling results in increased fossil fuel use and HFC emissions.
- This measure will demonstrate best practices for building community resilience to temperature extremes while ensuring reductions in the GHG emissions that are the root cause of these extreme heat and cold events.

⁶ ATMosphere. 2023. Natural Refrigerants: State of the Industry; Refrigeration in Europe, North America, and Japan, Plus Heat Pumps in Europe. Accessed at <https://atmosphere.cool/atmo-market-report-2023/>.

Measure 4: Support Advanced Energy Performance Contracting for Local Governments

- Training local governments on how to use EPCs to finance energy retrofits will have impacts beyond the program period, as these local governments will have the knowledge and experience to manage future EPC projects after 2030 for additional buildings in their portfolios.
- This measure builds the market for public sector EPC providers and financiers and provides market transparency that can build overall confidence in EPCs as a financing mechanism for entities that are new to it as a concept.
- This proposal seeks to innovate on the model of EPCs to get beyond the lowest hanging fruit of energy efficiency and addressing building types common in the region, such as historic buildings or those needing remediation, unlocking financing that is otherwise unavailable.

2. IMPACT OF GHG REDUCTION MEASURES

a. Magnitude of GHG Reductions from 2025 through 2030

Table 9 shows the magnitude of cumulative GHG emission reductions that will be achieved through the implementation of each measure for the period 2025 through 2030.

Table 9. Cumulative GHG Emission Reductions from Implementation of Proposed Measures (2025-2030)

Measure	Reductions (mt CO₂e) 2025-2030
<i>Measure 1: Support Organics Recycling</i>	257,211
<i>Measure 2: Phase Out Hydrofluorocarbons and Support Natural Refrigerants</i>	295,228
<i>Measure 3: Create Green Community Cooling/Heating Centers</i>	1,313
<i>Measure 4: Support Advanced Energy Performance Contracting for Local Governments</i>	78,396
Total	632,148

b. Magnitude of GHG Reductions from 2025 through 2050

Table 10 shows the magnitude of cumulative GHG emission reductions that will be achieved through the implementation of each measure for the period 2025 through 2050.

Table 10. Cumulative GHG Emission Reductions from Implementation of Proposed Measures (2025-2050)

Measure	Reductions (mt CO₂e) 2025-2050
<i>Measure 1: Support Organics Recycling</i>	1,546,667
<i>Measure 2: Phase Out Hydrofluorocarbons and Support Natural Refrigerants</i>	1,476,141
<i>Measure 3: Create Green Community Cooling/Heating Centers</i>	6,967
<i>Measure 4: Support Advanced Energy Performance Contracting for Local Governments</i>	423,585
Total	3,453,359

For all assumptions and information on how these measures will result in a permanent reduction in cumulative GHG emissions, see the attached Technical Appendix (Attachment B). Each measure intends

to address emissions in the short- and long-term, transforming markets and ensuring resiliency as a co-benefit of GHG emission reductions.

c. Cost Effectiveness of GHG Reductions

The measures in this application are highly cost-effective to implement. The cost effectiveness of the proposal, inclusive of all measures in this application for the period 2025-2030, is \$246 per ton of CO₂e reduced. Costs associated with each measure are detailed in Attachment A: Budget Narrative accompanying this application, and detailed assumptions about GHG emissions reductions are in Attachment B: Technical Appendix. Cost effectiveness may be impacted due to changes in assumed versus realized emissions, or changes in budgeted versus actual costs. Below are some reasons why GHG emissions realized may differ from projections:

- Market availability refrigeration equipment that may delay project completions.
- Organics projects diversion rates differ from projections (either via under- or over-estimate) which would impact the emissions related to avoided landfilling.
- Electric grid emissions do not match the projected grid emissions (either via under- or over-estimate) which would impact the emissions related to powering electrified HVAC equipment.

In addition, some costs may differ from projections for the following reasons:

- Potential changes in existing incentives available, such as federal tax credits.
- Supply chain, inflation, or other market changes impact the costs associated with support services, construction, or organics projects.

Descriptions of how these risks to cost effectiveness will be managed are described in section 1.a.

d. Documentation of GHG Reduction Assumptions

Details on quantification methods, relevant assumptions, annual emission reduction estimates, and any uncertainties associated with the estimates are provided in the attached Technical Appendix (Attachment B).

3. ENVIRONMENTAL RESULTS – OUTPUTS, OUTCOMES, AND PERFORMANCE MEASURES

As discussed in section 1.a, each of the measures included in this proposal supports the EPA FY 2022-2026 Strategic Plan Goal 1 “Tackle the Climate Crisis” Objective 1.1, “Reduce Emissions that Cause Climate Change.” The measures also support implementation of the New York State Climate Action Council Scoping Plan. These measures will result in steep and swift reductions in GHG emissions. Table 11 details the expected measure-specific outputs and outcomes in both the short- and long-term. Table 12 and Table 13 list the co-pollutant emission reductions expected for each measure.

a. Expected Outputs and Outcomes

In addition to the information in the following table, outputs for all measures from this proposal include semi-annual progress reports⁷ and a detailed final report.

⁷ Beginning with the second semi-annual report, reporting will include detailed quantified benefits to low-income and disadvantaged communities, including changes in co-pollutant emissions, and provide updates on ongoing and planned community engagement.

Table 11. Measure-Specific Expected Outputs and Outcomes

Measure	Expected outputs	Expected outcomes
<i>Measure 1: Support Organics Recycling</i>	<ul style="list-style-type: none"> • 40 new organics recycling facilities or programs to manage food scraps • Pounds of food diverted from landfills • Pounds of food donated • Recommendations implemented from New York State Solid Waste Management Plan • More businesses and institutions subject to food donation and food scrap recycling provisions 	<ul style="list-style-type: none"> • GHG emission reductions • Less food scraps landfilled results in fewer impacts to neighboring communities such as less leachate to manage, and less truck traffic and associated air pollution • Additional food scraps facilities result in new, high-quality jobs in the host community • Reduced food waste through increased food donation
<i>Measure 2: Phase Out Hydrofluorocarbons and Support Natural Refrigerants</i>	<ul style="list-style-type: none"> • 100 ultra-low or zero GWP refrigeration systems installed • Workforce training opportunities at multiple installment sites; sites would serve different audiences and would include multiple equipment types 	<ul style="list-style-type: none"> • GHG emissions reductions • Newly installed equipment is more energy efficient • Greater awareness of HFC impacts and existing global phase out • Increased food security
<i>Measure 3: Create Green Community Cooling/Heating Centers</i>	<ul style="list-style-type: none"> • 18 building studies completed • 10 cooling/heating centers upgraded and with trained staff • Number of communities/people served 	<ul style="list-style-type: none"> • GHG and co-pollutant emission reductions • Energy savings • Increased community resiliency to extreme temperatures • Replicable models to pair emissions reductions with resiliency
<i>Measure 4: Support Advanced Energy Performance Contracting for Local Governments</i>	<ul style="list-style-type: none"> • 300 buildings retrofitted • 50 communities trained on EPCs • Amount of financing leveraged • Number of model procurement/contracting documents developed 	<ul style="list-style-type: none"> • GHG and co-pollutant emission reductions • Energy savings

Table 12. Expected Air Pollutant and Health Impacts for all Measures Statewide

Measure	Air Pollutant Reductions		Health Impacts (cumulative, \$)	
	In 2030	2025–2050	In 2030	2025–2050
<i>Measure 1: Support Organics Recycling</i>	n/a	n/a	n/a	n/a
<i>Measure 2: Phase Out Hydrofluorocarbons and Support Natural Refrigerants</i>	n/a	n/a	n/a	n/a
<i>Measure 3: Create Green Community Cooling/Heating Centers</i>	NH ₃ 0 NO _x 0.25 PM _{2.5} 0 SO ₂ 0 VOC 0.01	NH ₃ 0.06 NO _x 4.03 PM _{2.5} 0.01 SO ₂ 0.03 VOC 0.18	\$6,645	\$106,313
<i>Measure 4: Support Advanced Energy Performance Contracting</i>	NH ₃ 0.32 NO _x 14.76 PM _{2.5} 0.04	NH ₃ 5.04 NO _x 236.20 PM _{2.5} 0.58	\$379,882	\$6,078,084

<i>Contracting for Local Governments</i>	SO ₂	0.12	SO ₂	1.93		
	VOC	0.55	VOC	8.79		
Total	NH₃	0.32	NH₃	5.10	\$386,527	\$6,184,397
	NO_x	15.01	NO_x	240.23		
	PM_{2.5}	0.04	PM_{2.5}	0.60		
	SO₂	0.12	SO₂	1.96		
	VOC	0.56	VOC	8.97		

Table 13. Expected Air Pollutant and Health Impacts for LIDAC Census Tracts and Block Groups

Measure	Air Pollutant Reductions		Health Impacts (cumulative, \$)	
	In 2030	2025–2050	In 2030	2025–2050
<i>Measure 1: Support Organics Recycling</i>	n/a	n/a	n/a	n/a
<i>Measure 2: Phase Out Hydrofluorocarbons and Support Natural Refrigerants</i>	n/a	n/a	n/a	n/a
<i>Measure 3: Create Green Community Cooling/Heating Centers</i>	NH ₃	0	NH ₃	0.05
	NO _x	0.25	NO _x	3.93
	PM _{2.5}	0	PM _{2.5}	0.01
	SO ₂	0	SO ₂	0.03
	VOC	0.01	VOC	0.18
				\$6,645
				\$106,313
<i>Measure 4: Support Advanced Energy Performance Contracting for Local Governments</i>	NH ₃	0.15	NH ₃	2.46
	NO _x	7.21	NO _x	115.38
	PM _{2.5}	0.02	PM _{2.5}	0.29
	SO ₂	0.06	SO ₂	0.94
	VOC	0.27	VOC	4.29
				\$185,571
				\$2,969,150
Total	NH₃	0.16	NH₃	2.52
	NO_x	7.46	NO_x	119.30
	PM_{2.5}	0.02	PM_{2.5}	0.30
	SO₂	0.06	SO₂	0.97
	VOC	0.28	VOC	4.47
				\$192,216
				\$3,075,463

Air pollutant reductions and health impacts are prorated by the portion attributable to CPRG. For additional detail, see Attachment C: GHG Emission Reduction Calculations Spreadsheet. Health impacts quantified were mortality; nonfatal heart attacks; infant mortality hospital admits, all respiratory; hospital admits, cardiovascular (excluding heart attacks); acute bronchitis; upper respiratory symptoms; lower respiratory symptoms; emergency room visits, asthma; asthma exacerbation; minor restricted activity days; work loss days. For additional breakdown of incidence and monetary value for each health impact, see Attachment C: GHG Emission Reduction Calculations Spreadsheet.

b. Performance Measures and Plan

NYSDEC has established the following performance measures to track progress concerning successful processes and output and outcome strategies. NYSDEC may include additional performance measures as appropriate.

- Release of various procurements (e.g., RFA for organics program; solicitation for third-party program administrator for natural refrigerants program)
- Project selection

- Number of outreach events and community engagement meetings
- Project completions
- Pounds of food waste diverted
- Actual GHG emission reductions resulting from project completions
- Energy savings resulting from project completions

NYSDEC will leverage project partnerships to track progress for each performance measure. As stated in section 1.a, NYSDEC will procure a contractor to track and report on metrics for the measure to support organics recycling. In addition, the third-party program administrator selected to administer the natural refrigerants program will be responsible for tracking and reporting metrics on a regular basis throughout the grant period. NYSERDA will report to NYSDEC on the progress toward achieving the expected outputs and outcomes for Measures 3 and 4 that it is responsible for implementing.⁸ NYSDEC will provide a status update with respect to each performance measure to EPA in the semi-annual reports and final report.

c. Authorities, Implementation Timeline, and Milestones

Table 14 identifies the respective authority to carry out the measure. NYSDEC and NYSERDA have existing authority to fully implement the measures contained in this application under the New York State Environmental Conservation Law (ECL), the New York State Public Authorities Law (PAL), and the New York State Energy Law (ENG). Table 15 details the timeline for reporting on the overall grant.

Table 14. Authority to Implement GHG Emission Reduction Measures

Measure	Implementing Entity	Legal Authority
Measure 1: Support Organics Recycling	NYSDEC	ECL § 3-0301(2)(b)
		ECL § 3-0301(1)(o)
Measure 2: Phase Out Hydrofluorocarbons and Support Natural Refrigerants	NYSDEC	ECL § 3-0301(2)(b)
		ECL § 3-0301(1)(b)
		ECL § 3-0301(1)(i)
Measure 3: Create Resilient and Green Public Facilities	NYSERDA	PAL Article 8, Title 9, §§ 1850 <i>et seq.</i>
Measure 4: Support Advanced Energy Performance Contracting for Local Governments	NYSERDA	PAL Article 8, Title 9, §§ 1850 <i>et seq.</i>
		ENG Article 9

Table 15. Reporting Tasks and Milestones

Task #	Task Description	Anticipated Milestone Timeframe
1	Submit semi-annual progress report 1	Year 1, Month 6
2	Submit semi-annual progress report 2	Year 1, Month 12
3	Submit semi-annual progress report 3	Year 2, Month 6
4	Submit semi-annual progress report 4	Year 2, Month 12
5	Submit semi-annual progress report 5	Year 3, Month 6
6	Submit semi-annual progress report 6	Year 3, Month 12

⁸ NYSERDA currently gathers and reports on a comprehensive range of metrics across New York’s clean energy programs. NYSERDA’s reporting structure has the capability to track and analyze program metrics across different sectors, geographies, and funding sources.

7	Submit semi-annual progress report 7	Year 4, Month 6
8	Submit final progress report	Year 4, Month 12

Table 16 identifies the general roles and responsibilities for implementing the GHG reduction measures in this application. A detailed implementation timeline, including tasks, key milestones, and key actions needed to meet measure goals and objectives by the end of the grant period for each measure, is provided in section 1.a of this proposal.

Table 16. Roles and Responsibilities

Implementing Entity	Roles and Responsibilities
NYSDEC	<ul style="list-style-type: none"> • Develop subaward or contract agreement(s) with NYSERDA and pass through all applicable terms and conditions • Procure and oversee program administrators and other contractors • Track and report on expenditures program implementation • Submit semi-annual progress reports and final report to EPA
NYSERDA	<ul style="list-style-type: none"> • Accept subaward or contract terms passed down from EPA • Track and report on expenditures and program implementation to NYSDEC

In addition to the general roles and responsibilities above, the following paragraphs describe the roles and responsibilities of the various parties that would be involved in the implementation of each specific measure and whose cooperation is necessary to carry out each measure.

Measure 1: Support Organics Recycling

NYSDEC is responsible for hiring staff, developing and releasing an RFA, selecting projects, and seeing projects through to completion. Beneficiaries of each project and program participants are responsible for implementing the proposed project adhering to all contract requirements as laid out by NYSDEC and EPA. NYSDEC is also responsible for procuring a contractor to track and report on metrics related to the measure. The selected contractor is responsible for reporting such metrics to NYSDEC.

Measure 2: Phase Out Hydrofluorocarbons and Support Natural Refrigerants

NYSDEC is responsible for procuring a third-party administrator to implement a competitive incentive program for retail food stores and other facilities that serve food security purposes. The third-party administrator is responsible for developing program criteria, in partnership with NYSDEC, and releasing at least two incentive rounds. The program administrator will also be responsible for tracking overall program metrics as described earlier in section 3. Program participants are responsible for procuring equipment, scheduling installations, and adhering to all contract requirements as laid out by NYSDEC and EPA.

Measure 3: Create Green Community Cooling/Heating Centers

NYSERDA would procure and oversee a contract(s) with engineering firm(s), who would be deployed to perform energy studies on properties within the awarded municipalities and CBOs. NYSERDA would also contract with service providers to offer trainings on thermal resilience. Engineering firms will be responsible for providing objective, site-specific and targeted studies of community facilities on how to best implement clean and/or energy efficiency technologies that reduce GHG emissions. NYSERDA would also provide support to applicants post-award in the form of assistance applying for incentives, support for outreach and engagement, and training on facility operations. NYSERDA would issue a solicitation to invite local governments and CBOs to participate in the program and oversee municipal

expenditures and progress towards milestones. NYSERDA would be responsible for tracking outputs and outcomes as described in section 3.a.

Measure 4: Support Advanced Energy Performance Contracting for Local Governments

NYSERDA would procure TA providers to support engineering, pre-development services, marketing and template material, development, and design services for use by local governments. NYSERDA would also pre-qualify lenders and ESCOs that serve the New York State municipal market. Finally, NYSERDA would contract with local governments that receive Phase 1 technical assistance and Phase 2 and 3 grants. The engineering TA providers would provide technical assistance to municipalities related to predevelopment, design, and aggregation of portfolios as described in section 1.a. Participating local governments will be required to dedicate in-kind cost share in the form of staff time to ensure that staff learn how to perform subsequent EPC procurements without TA. They will also be required to make their staff and facilities available for project scoping and walk-throughs, throughout the construction process, and for operational trainings on new energy systems. Municipalities will also be required to report on project progress, outputs, and outcomes to NYSERDA. Prequalified ESCOs will be responsible for delivering services contracted by municipalities. They will also be required to perform M&V according to standard M&V protocols. Prequalified lenders will be responsible for providing financing per the terms of their agreements.

4. LOW-INCOME AND DISADVANTAGED COMMUNITIES

a. Community Benefits

The implementation of the measures included in this application are anticipated to provide significant benefits to LIDACs in furtherance of the goals of the Justice40 Initiative and the Climate Act. Each individual measure, once implemented, will provide the measure-specific benefits to LIDACs listed below. In addition, this slate of measures is designed to enhance community benefits when implemented together.

Measure 1: Support Organics Recycling

- Increasing the recycling of food scraps will reduce the burden on LIDACs if a landfill is located within or nearby by reducing truck traffic and associated air pollution, odors, dust, noise, and other similar impacts.
- Composting and other organics facilities provide employment opportunities at the facilities, from local food scraps collection, and product distribution and use.
- Organics recycling programs result in increased food donation to assist those in need.

Measure 2: Phase Out Hydrofluorocarbons and Support Natural Refrigerants

- All projects supported through this measure will be located in a disadvantaged community. Program criteria will require that project sponsors demonstrate commitment to the community it serves (e.g., demonstrate commitment to ensuring residents of LIDACs have access to fresh food; support a food bank that alleviates food insecurity in a LIDAC).
- Projects may present opportunities to provide on-site workforce training and/or outreach to local community.
- Moving directly to natural refrigerants ensures that communities avoid potential adverse impacts from new synthetic substances. For example, stakeholders in NY have expressed concerns over the unknown risks from newly introduced hydrofluorolefins (HFOs) both in terms of direct exposure and as per- and polyfluorinated substances (PFAS).

Measure 3: Create Green Community Cooling/Heating Centers

- This measure increases community climate resiliency and provides public health benefits by increasing the number of New Yorkers with access to heating and cooling centers located in and serving disadvantaged communities.
- Heating and cooling centers are particularly helpful for medically vulnerable individuals, such as the elderly, as well as low-income households that may be unable to afford increasing energy demand associated with extreme temperatures. Moreover, these sites may be used to channel resources to these populations, such as enrollment in the Weatherization Assistance Program or materials for flood risk awareness and prevention.
- Facilities installing energy efficiency and envelope measures should see reduced energy bills, allowing more resources to be dedicated to staffing, operations, or other needs.
- By encouraging passive house-level envelope upgrades, facilities may be able to maintain safe temperatures for longer in the event of a power outage or HVAC system failure and reduce the HVAC system size to save on operational and equipment costs.

Measure 4: Support Advanced Energy Performance Contracting for Local Governments

- This measure will allow resource-constrained local governments to access building upgrades that reduce emissions, improve thermal comfort, and address health and safety concerns.
- This measure will free up municipal capital funds for other public works projects that address community needs.
- Advanced EPCs may enable older buildings and those with remediation needs to be not left behind in the transition to a clean, energy efficient economy, as these projects would otherwise not be financeable.
- Deeper support in this program will be reserved for facilities in disadvantaged community census tracts.

A list of all LIDAC census tracts affected by this proposal is included as an attachment to this application. This list of census tracts also includes a comparison between New York State-designated disadvantaged community census tracts, and census tracts that are either labeled as disadvantaged within CEJST or EJSscreen census block groups that exceed the 90th percentile for the State in supplemental indices. This analysis shows an almost 80% overlap between the State and federal definitions.

Under New York State’s Climate Act, each agency, authority, and entity that makes certain climate pollution mitigation investments must track and report annually the investments occurring in disadvantaged communities, associated co-benefits, and any other related outcomes associated with these investments.⁹ Dollars invested through place-based programs or investments are the primary metric tracked. In addition to tracking investment dollars, New York State agencies, authorities, and entities also track co-benefits associated with place-based and statewide programs or investments, as shown in Table 17. New York State will produce an annual report tracking the State’s progress toward meeting the 35% investments and benefits requirements and the 40% goal.¹⁰ Each annual report will track clean energy and/or energy efficiency investments made by New York State through the past calendar year. NYSERDA will be responsible for compiling data templates submitted by agencies and

⁹ The Draft Climate Act Disadvantaged Communities Investment and Benefits Reporting Guidance can be found at <https://climate.ny.gov/Resources/Disadvantaged-Communities-Criteria/Investments-and-Benefits-Reporting-Guidance>.

¹⁰ The Climate Act requires that New York-designated disadvantaged communities receive at least 35% of the overall benefits of spending on clean energy and energy efficiency programs, with a goal of 40%.

producing outputs for reporting, such as data visualizations and aggregated files, which agencies can use as part of their quality assurance/quality control processes. The State will leverage the geospatial data collection process from this framework to perform a similar analysis for CPRG-funded projects, using federally designated CEJST census tracts or census block groups at or above the 90th percentile for New York State within EJScreen’s supplemental indices.

Table 17. Co-Benefits Categories for Climate Act Reporting

Co-Benefits Category	Co-Benefits Metrics
Electricity and Fuel Savings, where applicable	Electricity savings (MWh) Fuel savings (MMBtu)
Participant bill savings, where applicable	Participant bill savings from reductions in electricity and fuel usage (\$) Transportation fuel cost savings (Dollars)
Health benefits related to outdoor/ambient air quality	Monetized health impacts due to changes in electricity and fuel use (\$) Reduction in air pollutants (NH ₃ , NO _x , PM _{2.5} , SO ₂ , VOC)

b. Community Engagement

Input from LIDACs helped to inform the GHG emission reduction measures in the CPRG Program PCAP for New York State, and therefore the measures contained within this application. More information on that engagement can be found in section 2.3 of the PCAP. In addition, the measures contained within the PCAP were informed by a multi-year climate planning process done in consultation with New York’s Climate Justice Working Group pursuant to the Climate Act and involving a robust public engagement process, including 11 public hearings across the state and a six-month public comment period that resulted in over 35,000 public comments. As stated in the description for each measure included in this proposal, NYSDEC and NYSERDA intend to continue meaningful engagement with LIDACs throughout implementation. These efforts include public meetings, targeted surveys, outreach to organizations that represent LIDACs, and/or soliciting comments on program criteria.

In addition, both NYSDEC and NYSERDA have existing offices or programs that allow for meaningful engagement. NYSDEC houses an Office of Environmental Justice that works to address environmental issues and concerns that affect primarily low income and minority communities through grant opportunities, enforcement of environmental laws and regulations, consultation, guidance, and enhanced public participation. NYSDEC also has a Climate Smart Communities program that supports local governments in leading their communities to reduce GHG emissions, adapt to the effects of climate change, and thrive in a green economy. NYSERDA manages programs to consult and engage with CBOs and stakeholders that are representative of, or principally serve, disadvantaged communities to work together to address energy equity and climate justice issues and develop equitable programs. These programs, such as the Energy Equity Collaborative and Disadvantaged Communities Stakeholder Pool, also have mechanisms to compensate these stakeholders for their time and expertise. NYSDEC and NYSERDA will use these offices or programs to frequently engage with LIDAC stakeholders to seek input on program design.

Measure 1: Support Organics Recycling

NYSDEC will work with existing municipal and nonprofit partners to select projects that will result in the greatest volume of organic material diverted and the greatest number of benefits to disadvantaged communities, as described in section 4.a. NYSDEC will leverage existing partnerships with municipal officials, food waste reduction organizations, and disadvantaged community representatives.

Measure 2: Phase Out Hydrofluorocarbons and Support Natural Refrigerants

NYSDEC will work with new and existing partners to develop program criteria that prioritizes facilities that also commit to food waste diversion and donation, maximizing emissions reductions. It will also work with new and existing partners to determine how best to ensure selected projects achieve the goal of food security in the local community.

Measure 3: Create Green Community Cooling/Heating Centers

NYSERDA will leverage existing relationships with CBO networks to ensure widespread awareness of the Green Community Cooling/Heating Center opportunity, such as the Regional Clean Energy Hubs which primarily engage residents of disadvantaged communities as well as organizations that serve disadvantaged communities, or the Clean Energy Communities program which primarily engages local governments. In addition, applicants will be scored according to the quality of their stakeholder relationships and engagement plans.

Measure 4: Support Advanced Energy Performance Contracting for Local Governments

Prior to implementing the solicitation, NYSERDA will perform interviews with local government stakeholders to inform specifics of program design to ensure it is responsive to needs at that moment in time. NYSERDA may perform additional interviews ahead of program rounds 2 and 3 and adjust program design characteristics based on feedback received and experience with round 1.

5. JOB QUALITY

As discussed within each measure description, some measures will result directly in new jobs (e.g., building and operating new facilities) and some will support the local technician workforce through free workforce training events and other outreach events. These efforts all support the overall goal of a just transition to a green economy. For example, sustainable materials management policies support the creation of jobs and new opportunities for economic growth by retaining the value of materials, keeping that value within the supply chain, and presenting new business models where the value of resources is maintained within a circular economy. Investments using CPRG funds will comply with Davis Bacon Prevailing Wage and Build America, Buy America requirements of this funding opportunity, which will guarantee job quality across the value chain. In addition, given that this proposal will primarily consist of work undertaken by local government entities, those entities already have their own requirements related to prevailing wage and project labor agreements. This will further ensure that work is completed according to Good Jobs Principles.

6. PROGRAMMATIC CAPABILITY AND PAST PERFORMANCE

a. Past Performance

The measures included in this application leverage existing programs and capabilities at NYSDEC and NYSERDA in order to act expeditiously to reduce emissions and maximize the impact of CPRG funding by 2030. NYSDEC has an effective and efficient organics recycling grant program in place and additional funds can be disbursed without the establishment of a new grant system, which leads to significant savings in time and cost for program implementation. NYSDEC has run a successful pilot program for upgrading to natural refrigerants in food stores in disadvantaged communities which is the model for the program proposed in this application. NYSERDA has nation-leading expertise in scoping, launching, and managing programs to support the installation of weatherization, energy efficiency and clean heating and cooling technologies. NYSERDA will leverage its work on the soon to be released New York State Extreme Heat Action Plan, which utilized a stakeholder driven approach to develop holistic

strategies to address increasing heat risk, in identifying community priority solutions for extreme temperature resilience. NYSERDA provides technical assistance and grant funding to local governments through its long-standing Clean Energy Communities program. These existing and trusted relationships with local governments will allow these programs to scale-up quickly. NYSERDA was an early proponent of energy performance contracting, managing EPC programs since the 1990s.

In addition, NYSDEC has successfully implemented several other federal grants within their jurisdictions. Some examples of federally funded assistance agreements that NYSDEC is performing or has performed within the last three years are listed below.

- New York State Inflation Reduction Act Clean Air Act Grant
 - Assistance Agreement Number: 96218323
 - Funding Agency: U.S. Environmental Protection Agency
 - Assistance Listing Number: EPA-OAR-ARP-22-02
 - Description: Support of EPA Strategic Plan Goal of ensuring clean and healthy air for all communities. Conduct air quality monitoring activities, increase training of personnel, and develop outreach material to increase public awareness.
 - Contact: Sarah Pender, pender.sarah@epa.gov, (212) 637-3367
- NYSDEC PM_{2.5} Ambient Air Monitoring Network 23/24
 - Assistance Agreement Number: 96233121
 - Funding Agency: U.S. Environmental Protection Agency
 - Assistance Listing Number: EPA-CEP-01
 - Description: NYSDEC Division of Air Resources will use the grant funds for the operation and maintenance of an annual and 24-hour PM_{2.5} National Ambient Air Quality Standard (NAAQS) monitoring network and implementation of the National Core (NCore) program in New York State.
 - Contact: Emmet Keveney, keveney.emmet@epa.gov, (212) 637-3459
- 2022 Consolidated Payment Grant
 - Assistance Agreement Number: 22-DG-11094200-170
 - Funding Agency: U.S. Forest Service
 - Assistance Listing Number: 10.664 - Cooperative Forestry Assistance
 - Description: Support for New York State's core forestry programs, with segments dedicated to urban and community forestry, forest stewardship, and forest health management.
 - Contact: Midori Raymore, midori.raymore@usda.gov, (414) 721-1346

b. Reporting Requirements

For each of the federal grants listed above, NYSDEC has successfully submitted interim and final reports adequately and on time in an effort to progress toward achieving the respective expected outputs and outcomes under the agreement.

c. Staff Expertise

NYSDEC is a statewide regulatory agency that has over 3,000 professional staff that work across dozens of programs in the central office or in one of the nine regional offices across New York. It has mature processes in place to accept and implement federal grants across its various programs. Team biographies for staff from both NYSDEC and NYSERDA that would be directly involved in the implementation of this proposal are attached to this application.

7. BUDGET

a. Budget Detail

Please refer the attached budget narrative (Attachment A) for more information. If a budget category is not listed, NYSDEC does not anticipate any expenditures in those categories for the respective measure.

Measure 1: Support Organics Recycling

NYSDEC Personnel and Fringe

Total personnel and fringe: \$563,996. This funding would support salary and fringe benefits for 1 FTE for the duration of the grant period.

Total personnel: \$345,099. NYSDEC will hire one new Environmental Program Specialist at the current entry level salary of \$65,001 for this position, including 3% salary increases each year through the duration of the budget period.

Total fringe: \$218,896. NYSDEC calculates fringe benefits at a rate of 63.43% of annual salary. Fringe benefits include disbursements incurred by the State for the benefit of its employees and includes the costs to the State, as an employer, for retirement plans, Social Security, health insurance, dental insurance, Worker's Compensation, Survivor's Benefits, unemployment insurance and the State's contribution to the Employee Benefit Funds pursuant to agreements with the various bargaining units.¹¹

NYSDEC Contractual

Total contractual: \$20,250,000. NYSDEC would release an RFA to solicit projects under this measure. There would be \$20,000,000 available under this procurement. In addition, NYSDEC would make \$250,000 available to procure a contractor to measure and report on various metrics related to program implementation (e.g., pounds of waste diverted) throughout the course of the grant period.

NYSDEC Indirect Costs

Total indirect costs: \$96,697. NYSDEC calculates indirect costs at a rate of 28.02% of annual salary. Indirect costs include, but are not limited to, physical overhead, space occupancy, utilities, information technology, and central service agency costs.

Measure 2: Phase Out Hydrofluorocarbons and Support Natural Refrigerants

NYSDEC Travel

Total travel: \$3,868. This budget would support NYSDEC staff to travel to workshops, workforce training events, and/or outreach events related to the implementation of this measure.

NYSDEC Other

Total other: \$57,500,000. NYSDEC would make 15% of the program total, or \$7,500,000 available to competitively procure a third-party program administrator to manage the implementation of projects and associated administrative tasks, such as reporting and metrics tracking. In addition, NYSDEC would seek approval of the EPA's Award Official to incur Participant Support Costs in the amount of \$50,000,000 to fund projects that phase out HFCs and support natural refrigerants. These funds would be available to the competitively selected third-party program administrator to implement the program to fund the installation of 100 full or partial natural refrigeration systems.

¹¹ Fringe benefits are defined by the Office of the New York State Comptroller.

Measure 3: Create Resilient and Green Public Facilities and Measure 4: Support Advanced Energy Performance Contracting for Local Governments

NYSDEC Other

Total other: \$77,293,600. NYSDEC will subaward/contract funds to NYSERDA to implement Measure 3 in the amount of \$37,045,899 and Measure 4 in the amount of \$40,258,610. Additional detail on how NYSERDA intends to allocate these funds can be found in Attachment A: Budget Narrative.

b. Expenditure of Awarded Funds

NYSDEC will expend and account for awarded funds in accordance with state laws and procedures for expending and accounting for the State's own funds. The financial management system for NYSDEC complies with the requirements of 2 CFR 200.302(b). NYSDEC will enter into agreements with NYSERDA prior to disbursement of subaward funds to implement Measure 3 and Measure 4. These agreements will include all applicable pass-through requirements for subrecipients in accordance with [EPA's Subaward Policy](#) and [EPA's General Term and Condition for Subawards](#). The semi-annual reports and final report will include a breakdown, by measure, of expenditures associated with implementation of this proposal.

c. Reasonableness of Costs

All budgeted costs are necessary to ensure the successful completion of the measures included here, as well as to realize the projected GHG emission reductions and co-benefits. Costs included in this proposal were based on past NYSDEC and NYSERDA experience in managing programs, and other sources as identified in the Technical Appendix (Attachment B). NYSDEC estimates of costs for organics recycling and refrigerant measures is based on current programming and additional research into the costs of the similar programs. Costs may be impacted by the size or complexity of the individual projects selected. Costs for green heating/cooling centers and advanced EPCs were based on previous experience with building energy-focused programs implemented by NYSERDA. These costs may be impacted by market availability, inflation, and supply chains for key materials. Additional information on the budget, including a detailed breakout of requested funding for each work component and how each budget item relates to the project narrative can be found in section 7.a and Attachment A: Budget Narrative.