



AEG Net-Zero Building Summit

NYCHA's progress and what's next

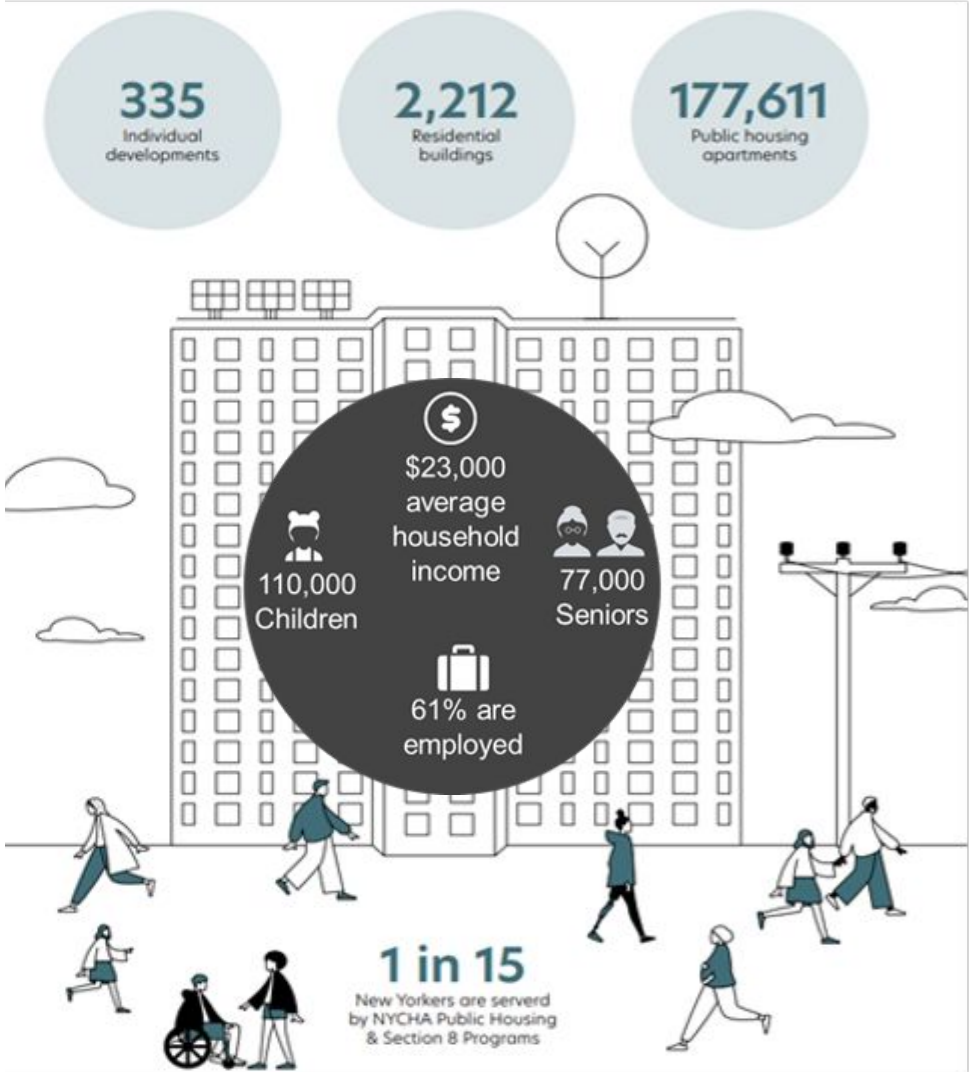
April 19th, 2023

Introduction



With more than +/- 400k people, NYCHA's population is larger than Las Vegas, Atlanta, or Miami

NYCHA accounts for 2.55% of NYC GHG emissions covered under LL97



The Challenge: Comprehensively and equitably modernize NYCHA's portfolio while decarbonizing our buildings and creating jobs for residents in the Clean Energy transition.



Our decarbonization progress in the last 12 months



**Public Housing
Authority
(90K HU)**

First (almost) fully electric building is 95% complete (1700 Hoe Ave)

Three other buildings in construction (830 Amsterdam, 1471 Watson, Tilden)

Four developments are decarbonizing DHW (Jackson, Eastchester, Pink and Marlboro)

First CH4A heat pump delivered, pilot to commence in May

Financed \$50.4 million in EPC (includes water efficiency, heating upgrades at Adams, Queensbridge North, and Queensbridge South)

NYCHA has 3 megawatts (MW) of roof leases at 5 developments completed, and two leases for an additional 3.1 MW were signed this year



**Permanent Affordability Commitment
Together
(62K HU)**

2,800 apartments will be (almost) fully electric at (Pennsylvania Avenue/Wortman Avenue. Boulevard, Harlem River I + II, Marshall Plaza)

12,200 apartments received efficient boiler upgrades, conversion to heat pumps, decoupled DHW, or exterior façade cladding

3.7 MW of solar has been installed or is in construction in PACT sites



**Preservation Trust
(25K HU)**

Developing a resident voting process - NYCHA finalized the Trust voting procedures, in the process of onboarding election administrator, preparing to publicly announce sites for voting

creating a new agency - NYCHA is in the process of appointing board members and creating legal and financial frameworks for the new agency

develop a project delivery approach - NYCHA is working with City and federal partners on regulatory and financing requirements



Partnerships



New York Power Authority



conEdison

nationalgrid



ELECTRIC POWER RESEARCH INSTITUTE



Mayor's Office of Climate & Environmental Justice

FEMA

Final Statement

Regarding building decarbonization and electrification, to achieve New York's Climate, Health and Equity goals, a critical obstacle to collectively overcome in 12 months is:

- NYCHA to harness every applicable and deployable funding opportunity flowing out of IRA, utility partnerships, and any other sources while aligning preservation work through PHA, PACT and Trust transitions.



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Thank you!

