



# Community Shared Solar at NYCHA

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Ellen Zielinski, NYCHA  
Chris White, NYCHA

# Introduction to NYCHA

## NYCHA houses 1 in 12 New Yorkers



**77,000**  
**SENIORS**  
62 YEARS OLD OR OLDER



**110,000**  
**CHILDREN**  
UNDER 18 YEARS OLD



**\$23,000**  
AVERAGE  
HOUSEHOLD  
INCOME



**61%**  
ARE EMPLOYED  
(OF NON-DISABLED,  
WORKING AGE ADULTS)



**40%**  
OF HEADS OF HOUSEHOLDS  
ARE 62 YEARS OLD OR OLDER



**25%**  
OF NYCHA EMPLOYEES  
ARE RESIDENTS OF  
PUBLIC HOUSING



**41%**  
ON FIXED INCOME  
(SOC. SEC., SSI, PENSION, OTHER)



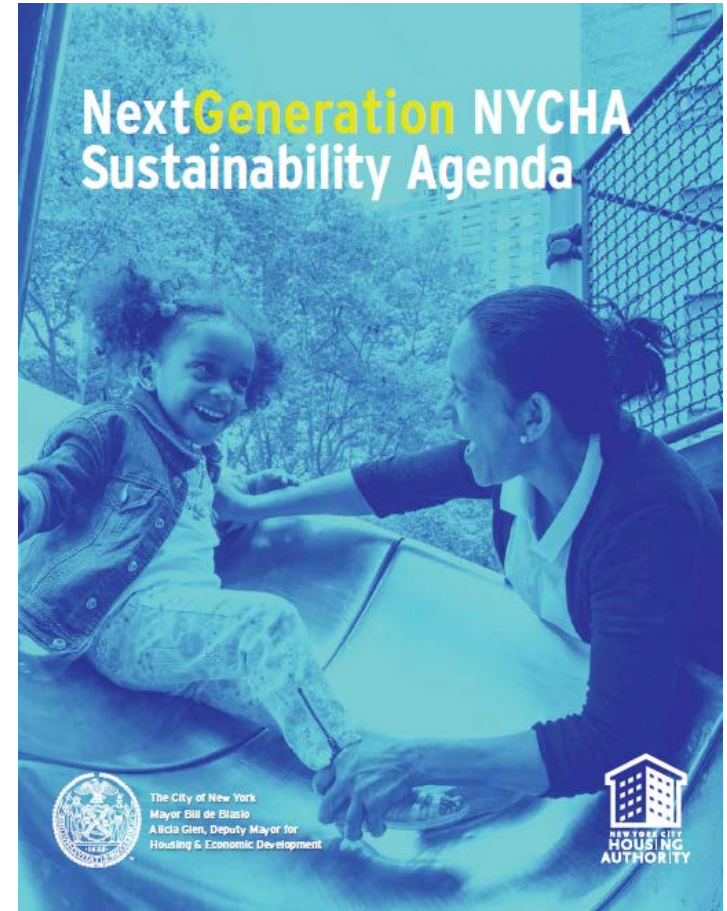
**12%**  
RECEIVE PUBLIC  
ASSISTANCE

# Introduction to NYCHA

## NextGeneration NYCHA Sustainability Agenda

- NYCHA's **commitment** as a landlord to create healthy and comfortable homes that will withstand the challenge of climate change
- An **invitation** to residents and surrounding communities to work with NYCHA to realize a shared long-term vision of equity, sustainability, and resiliency

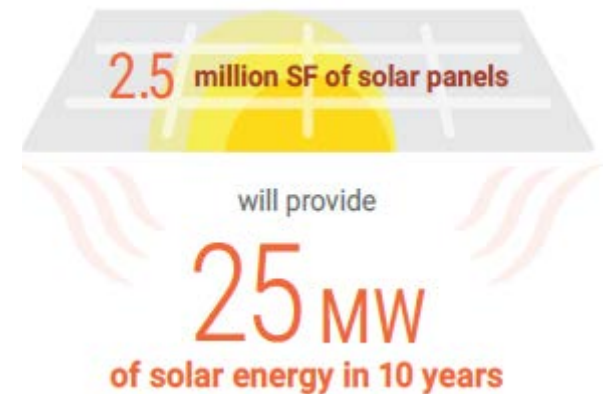
**Strategy S2: Raise revenue through participation in clean and distributed energy projects**



# NYCHA's 25 MW Solar Program

## Goals

- Host **25 MW** of solar PV capacity by 2025 (HUD Renew300 commitment)
- Generate **revenue** for NYCHA
- Provide job training and **green jobs** for NYCHA residents
- **Reduce energy costs** for NYCHA residents who pay their own utility bills, Section 8 tenants, and other low-income renters in NYC



# NYCHA's 25 MW Solar Program

## Commercial and ACCESSolar

### Commercial Solar Program

- Larger sites (roofs over 40 kW, parking lot canopies)
- Focus on maximizing lease payments to NYCHA
- Run through standard RFPs

### Accelerating Community Empowered Shared Solar (ACCESSolar)

- Smaller and more scattered sites
- Focus on local developers working with CBOs and non-profits
- Build capacity for solar in NYC

**All projects are Community Shared Solar due to New York Power Authority (NYPA) rates and regulations**

# NYCHA's Commercial Solar Program

## Energy and Jobs for All

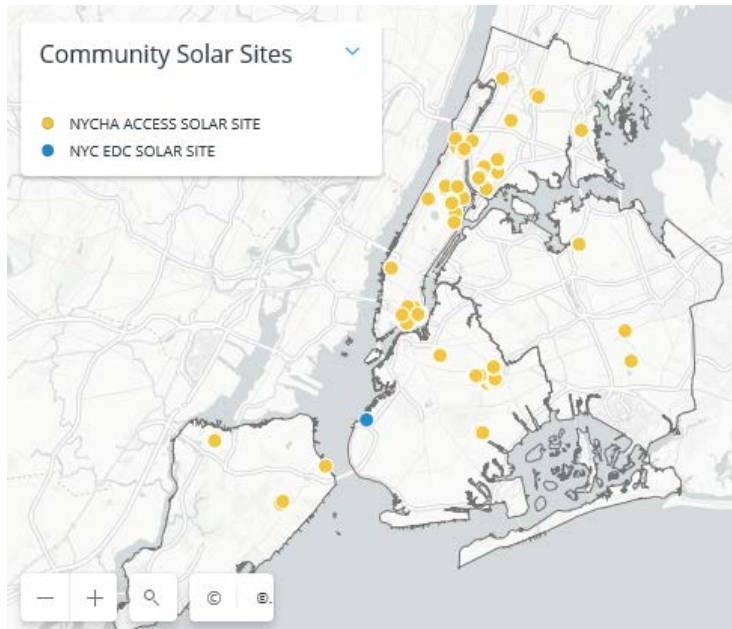
- Two teams to develop up to 6 MW of power on 90 roofs and 13 parking lots across 8 developments
- Over \$3 million in lease revenue over 20 years
- Up to 28 jobs for NYCHA residents
- Expect to subscribe 550-750 LMI households, with 10-20% savings off ConEd rate



Photo credit: Bright Power

# NYCHA's ACCESSolar Program

## Building a New Model for Solar in NYC



Credit: Sustainable CUNY

- Five teams in first pilot round to develop up to 6 MW of solar power
- Teams are developing their Full Proposals and will negotiate Lease Agreements upon acceptance
- Roles for community-based organizations in:
  - Subscriber outreach
  - Workforce training
  - Resident education

# NYCHA's ACCESSolar Program

## 2020 and Beyond

- First systems (both Commercial and ACCESSolar) will go online in 2020
- Future rounds of solar to come as NYCHA continues to replace its roofs- incorporate lessons learned
- Work with REES to support NYCHA workforce hiring and Design to develop best practices for solar on our roofs
- Not just NYCHA- build a model for community solar across the city
- Thanks to **Sustainable CUNY** for championing NYCHA's solar program!



# Thank you!

Contact information: [accessolar@nycha.nyc.gov](mailto:accessolar@nycha.nyc.gov)