

BUILDINGENERGY NYC

Further Together: Unlocking the Most Benefit by Collaborating in Decarbonization

Dr. Demetrius Carolina Sr., First Central Baptist Church

Patrick O'Donnell, NYCEEC

Russell Wilcox, Urban Energy

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Northeast Sustainable Energy Association (NESEA)

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Agenda and Learning Objectives

Today's Agenda

1. Introductions
2. NYCEEC Overview
3. Project Overview
4. Panel Discussion
5. Audience Q & A

Learning Objectives – how to:

1. Build a team of stakeholders for community engagement and success
2. Integrate financing opportunities
3. Integrate workforce development opportunities
4. Build from challenges and lessons learned

Panel Introductions



Host: Patrick O'Donnell

Director of Engineering, NYCEEC

Financing



Rev. Dr. Demetrius S. Carolina Sr.

Pastor, First Central Baptist Church

Site host and anchor off-taker



Russell Wilcox

Founder & CEO, Urban Energy

Contractor



Overview

- First local green bank in US
- 501(c)(3) mission-driven lender, created in 2010 by NYC Mayor's Office of Sustainability
- NYC C-PACE administrator
- Loans to energy efficiency, clean energy projects in buildings

Impact

- Mobilized >\$430 million capital for projects to-date
- In last 3 years, 98% of loan volume supported projects in LMI communities

NYCEEC focuses 100% on energy efficiency and clean energy in buildings.





**Solar PV +
Battery Storage**

\$677k

Total Project Cost

\$345k

NYCEEC ESA/PPA
Loan

2,300 MT CO₂e

Lifetime GHG
Savings

Crescent Farms Community Solar Staten Island, NY



Serving community with solar & jobs

\$677k

Total Project Cost

\$345k

NYCEEC Loan

2

Buildings

116.5 kW

Solar PV capacity

The Project

- Host and anchor off-taker: First Central Baptist Church and Central Family Life Center
- Post-construction term loan
- Low-to-moderate income community
- *Innovation in finance*: 2-part loan with one closing to accommodate solar and future storage installation
- *Scaling finance*: standardized financing process and loan docs

The Results

- Necessary roof repairs and replacements, decommissioned leaky skylight
- 10 employees hired via Bloc Power's CCC workforce dev program – 5 full-time hires at Urban Energy
- 40% of electrical output to church
- 60% of electrical output to the community solar subscribers including church congregation
- Subscribers receive a 10% discount from Con Edison

Panel Discussion Themes

- ***The importance of relationships and building trust***
- ***Communicating needs and coordinating work***
- ***Unlocking benefits and challenges***
- ***Audience Q & A***