

Opportunity for Partnership: Addressing the energy needs of low income households

John.Scicchitano@nyserda.ny.gov

May 2017

The Tenement Problem: 1890



A Man in His
Tenement, Jacob
Riis, 1890

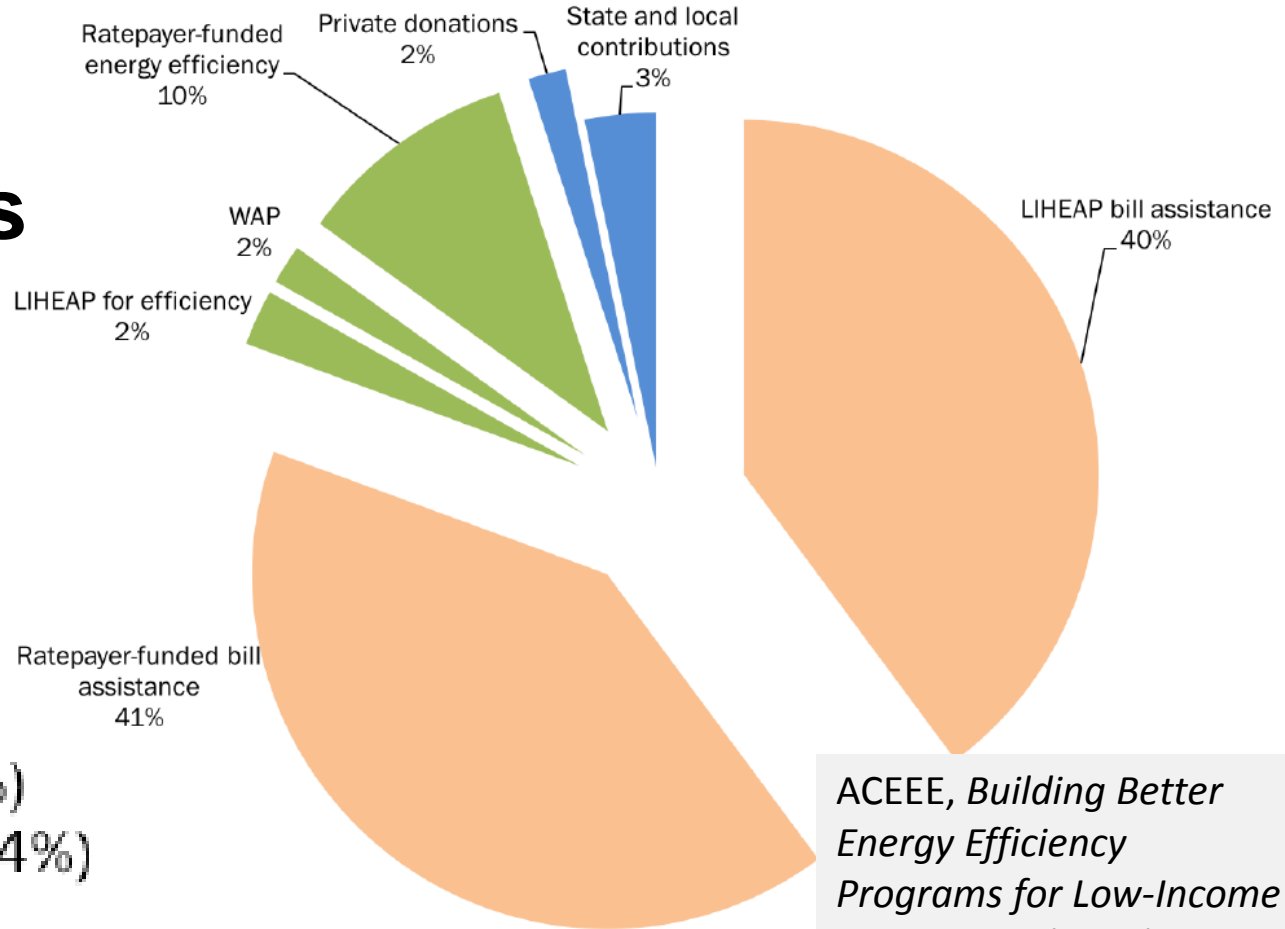
Affordable housing and energy: 2017



Objective

- To identify barriers to LMI inclusion in clean energy solutions, particularly energy efficiency
- To identify solutions, particularly those found in public-private-philanthropic partnership

Support for low-income energy needs (national level)



ACEEE, *Building Better Energy Efficiency Programs for Low-Income Households* (2016)

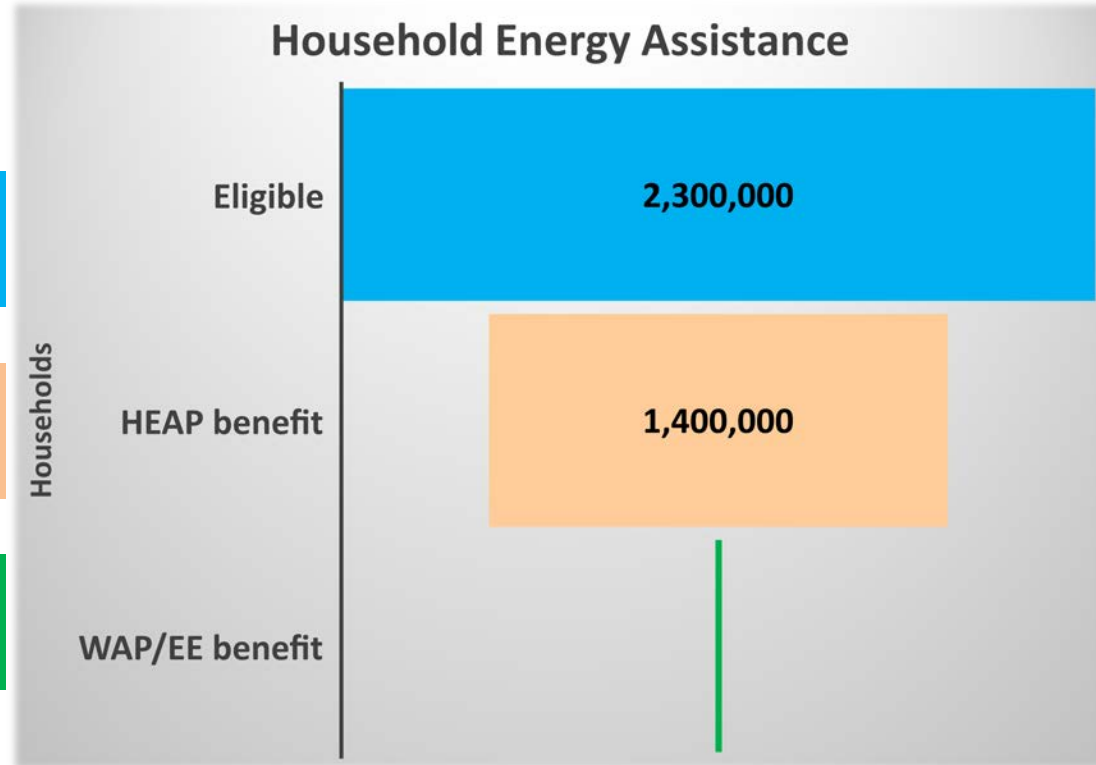
Low-income energy assistance (state level)

- ❑ ~\$700M annual energy assistance
- ❑ ~15% for weatherization/EE

2,300,000 households eligible for energy assistance

1,400,000 households receive HEAP benefit

20,000 households receive weatherization/EE



Discussion

- Describe the needs of low income households in your community (quantitative and qualitative).
- How do you prioritize needs?
- What barriers prevent your organization from meeting those needs?
- What can be done to address deferrals among energy efficiency program applicants?

Discussion (2)

- How can efficiencies be achieved, lowering the unit costs of energy programs?
- How do you measure impact, and how might these measures be improved?
- What are the other organizations in your zone that serve the same communities?

Discussion (3)

- What challenges and successes has your organization experienced in obtaining funds?
- What learning or models from other regions can inform our approach?
- What alliances can be formed to foster more effective response to common needs?

Philanthropic Landscape: Size

	(\$ in billions)
Foundations	
Foundations in US	87,000
Foundations Annual Grants	\$ 47
Program Related Investments (PRI)	\$.6
Grant to NY recipients from NY foundations	\$.1
Foundations Endowments	\$ 800
Engagement in MRI	41%
Non-Governmental Organizations in US	1,300,000
Impact Investing	
Sustainable, Responsible, Impact Investment in US (2014)	\$ 6,600
SRI (2012)	\$ 3,700
SRI with environmental investment factor (2014)	\$ 3,000
Labeled Green Bond Issuances (2014)	\$ 37
Green Bond Issuances (2012)	\$2

Sources: Foundation Center, Forum for Sustainable and Responsible Investment



NYSERDA

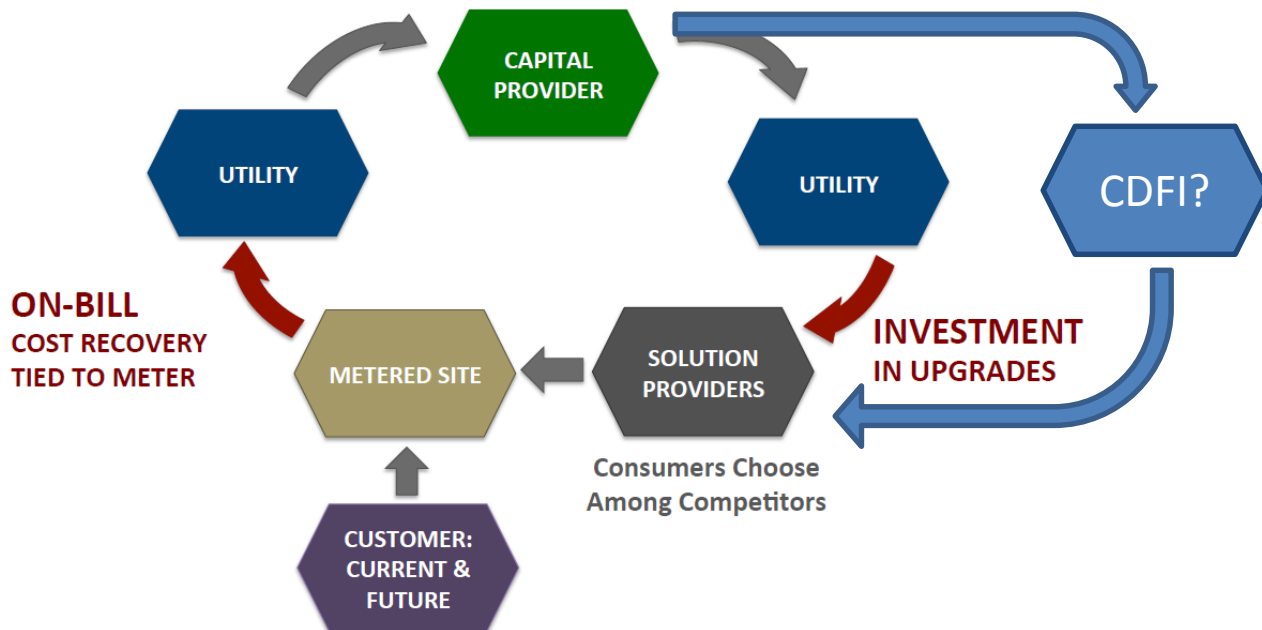
Philanthropic Landscape: Actors

Community/ Housing/LMI	LMI	Corporate Investment	Energy Efficiency	Climate Change	Financial / CDFI support
<ul style="list-style-type: none"> •NYCT •Calvert Fdn •Contact Fund •Reinvestment Fund •RobertWood Johnson •Kellogg •Opportunity Finance Network •Oshei 	<ul style="list-style-type: none"> •JBP •Rockefeller Brothers •Heron •Dyson •Heinz •Ford •Bullitt 	<ul style="list-style-type: none"> •CERES •CREO •PRIME •Confluence Philanthropy •Big Path Capital •DBL Investors •Ecosystem Integrity 	<ul style="list-style-type: none"> •Energy Fdn •SURDNA •Packard •Heron •Chesonis •Kresge •Joyce 	<ul style="list-style-type: none"> •McArthur •Hewlett •Clinton •Grantham •Skoll •KR Fdn •Oak Fdn •Robertson •Nathan Cummings 	<ul style="list-style-type: none"> •Citi •Goldman Sachs •JP Morgan Chase •Deutsche Bank Americas •M&T •Mizuho Bank USA •MetLife •BoA •Capital One
Cities	Research	Transport	Agriculture	Policy	
<ul style="list-style-type: none"> •Bloomberg •Living Cities 	<ul style="list-style-type: none"> •Sloan •Park 	<ul style="list-style-type: none"> •Hewlett •Google 	<ul style="list-style-type: none"> •ImpactAssets •Cargill 	<ul style="list-style-type: none"> •IIPC 	

Utilities – Pay as you Save

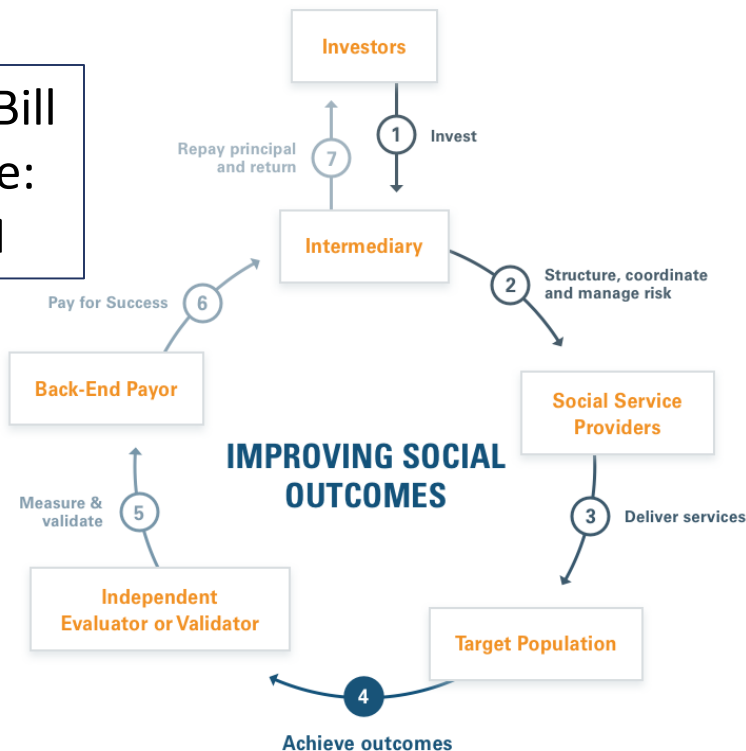
PAY AS YOU SAVE® (PAYS®)

PAYS offers all utility customers the option to access cost effective energy upgrades using a proven investment and cost recovery model that benefits both the customer and utility.



Environmental Impact Bonds

NY Utility Bill Assistance:
>\$500M



DC Water: The Nation's 1st Environmental Impact Bond
 “Metrics in environmental science are such that outcome proxies can be projected with greater confidence as opposed to social metrics and services.”