



Energy Efficiency and Solar Partnership

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 **GRID**
ALTERNATIVES

gridalternatives.org 212.549.3977

Announcing our
**Energy Efficiency
and Solar Partnership**
for Affordable Multifamily
Buildings

aea.us.org 718.292.6733

 **ASSOCIATION FOR
ENERGY
AFFORDABILITY**



Association for Energy Affordability

Serving the low income housing community

- Mission driven non-profit service provider
- Deliver Energy Efficiency (and other clean energy technologies) to affordable multifamily buildings
- Provide workforce training
- Active in NYS energy policy proceedings
- Committed to expanding access to solar energy for buildings housing low income residents



AEA and GRID Alternative's "Energy Efficiency and Solar Partnership"

- Evaluate and plan energy improvements including efficiency and solar to minimize project costs and optimize synergies
- Maintain affordability and increase livability of properties
- Facilitate access to available government and utility incentives and private financing
- Deliver expert coordination for project completion



Benefits of EE+PV

- Energy efficiency
 - Improve comfort, health and safety
 - Lower building operations and maintenance expenses
 - Reduce building's energy usage and requirements
 - Lower energy bills
 - Contribute to combating climate change
 - Increase awareness of energy use patterns
- Solar
 - Lower building operations and maintenance expenses
 - Lower energy bills
 - Contribute to combating climate change
 - Increase awareness of energy use patterns



Synergies from coordinating Energy Efficiency and Solar Upgrades

- Right-sized equipment for new energy use patterns
- Financing scaled to actual energy requirements
- Opportunities for Community Solar





GRID
Alternatives:
Our Mission

WE MAKE RENEWABLE ENERGY
TECHNOLOGY AND JOB TRAINING
ACCESSIBLE TO UNDERSERVED
COMMUNITIES.

- Direct solar project development & technical assistance
- Workforce development
- Low-income solar policy leadership



Clean
energy has
an access
problem.

- Low-income communities and communities of color are disproportionately impacted by pollution and climate change
- Low-income families spend 4x more of their income on energy
- Low-income families are being underserved by the growing solar industry



Clean energy
access
addresses
climate change
and poverty –
at the same
time.

- Reduces energy burden on families and affordable housing owners
- Puts people to work
- Accelerates clean energy transition
- Addresses critical environmental justice issues

Systems Installed

8,374



kW Installed

30,450



Lifetime Savings

\$245,431,699



Tons of Greenhouse Gas
Emissions Prevented

667,663



Cars off the Road for a Year

127,784



Volunteers Trained

31,672

OUR WORK IS MAKING A DIFFERENCE.

- Solar for more than 1600 families in 2016, up 20% from 2015.
- Direct job placements and participation in national workforce partnerships
- Industry partnerships promoting STEM education in high schools and workforce diversity



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