

CLIMATE & ENERGY at LIPC

Long Island is on the frontline of climate change. Our coastal communities are threatened by sea-level rise causing flooding and home damage; families are still recovering from the devastation of Superstorm Sandy; and our neighborhoods are overburdened with air pollution from fossil fuels, causing cancers and heart disease.

We need a mass movement of everyday people working together to combat the crisis. In NYS we have the opportunity to lead a transition to a 100% renewable energy economy that invests in communities and workers most impacted by climate change. We at the Long Island Progressive Coalition are fighting for this just transition.

Our work to tackle the climate crisis is two-pronged: pass ambitious legislation to impact larger political systems while working within existing frameworks to expand renewable energy solutions on the ground.



NY RENEWS

A Just Transition for New York State

What is NY Renews?

A coalition of more than 180 energy, environmental, social justice, and community organizations across New York State.



What We're Fighting For

- **100% renewable energy**, making sure we support the communities most impacted by climate change and inequality
- **A fee on corporate polluters** that damage our health and wellbeing and climate and currently get away with dumping their costs on us

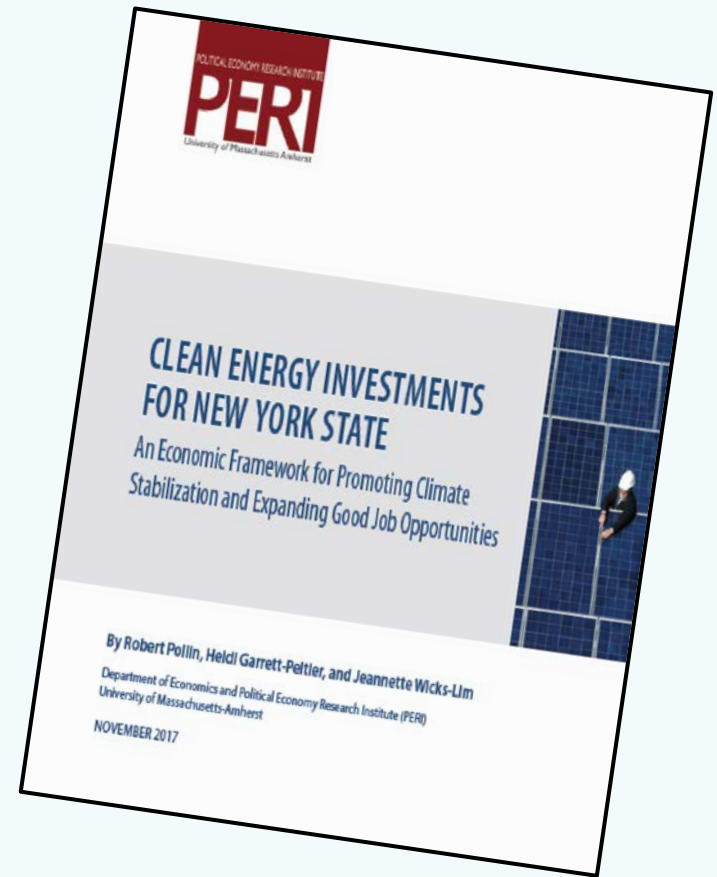
Climate & Community Protection Act (CCPA)

- Introduced in 2016 - has passed Assembly thrice and been held up by Republican leadership in the Senate despite having majority co-sponsorship
- Would move NY to **100% renewables by 2050** and **50% by 2030**
- Requires minimum of **40%** of state energy funding go to frontline communities most vulnerable to climate impacts
- Requires high labor standards for new energy-related jobs that receive state funding
- Requires all state agencies to evaluate the climate and equity impacts of their decisions



**How do we fund a just transition
to 100% renewable energy?**

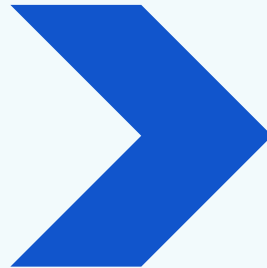
New York state
must jumpstart the
transition to 100%
renewables with
\$7B annually




Climate and Community Investment Act (CCIA)


Process


Corporate polluters will pay a price for greenhouse gas emissions and co-pollutants that will come to approach the true “social” cost of pollution and these funds will be invested to...



Outcomes

Generate state \$ for clean energy & emission reduction 

Incentivize polluters to invest \$ in clean energy 

Cut emissions & co-pollutants in overburdened communities 

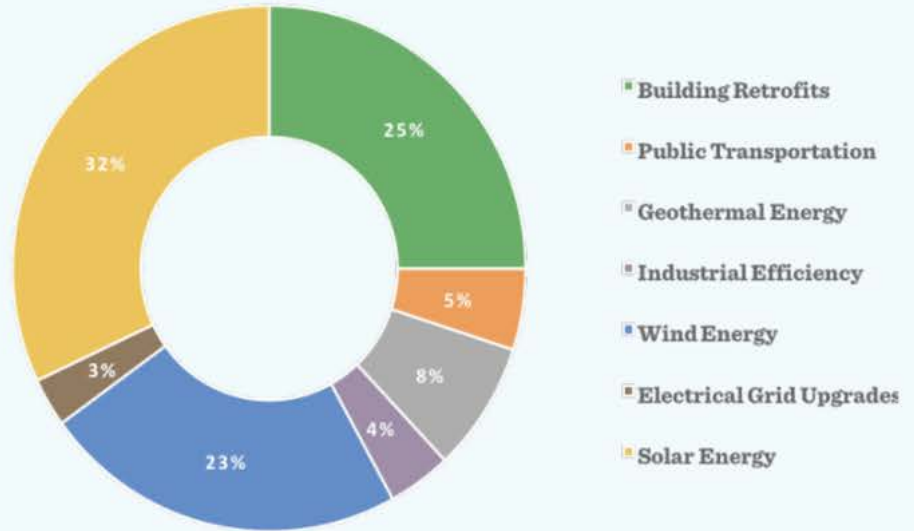
JOB CREATION THROUGH 100% RENEWABLES

2030

Investments for 50% emissions reduction creates 145,000 - 160,000 new jobs per year

2050

Investments for 100% emissions reduction creates 50,000 - 90,000 new jobs per year



*Job projections from *Clean Energy Investments in New York State: An Economic Framework for Promoting Climate Stabilization and Expanding Good Job Opportunities* by Pollin et al at the Political Economy Research Institute at the University of Massachusetts Amherst.

Climate Jobs and Infrastructure



Community Just Transition Fund



Worker and Community Assurance Fund



New York Energy Rebate Fund



Ensuring Middle-Class Jobs in Renewables



PowerUp Solar



Long Island Progressive Coalition

- LIPC is a grassroots community-based organization dedicated to sustainable development, revitalizing local communities, and achieving economic, social & racial justice.
- In the past, LIPC has helped hundreds of Long Island homeowners and a dozen Presbytery Churches save thousands of dollars in energy efficiency improvements.



Resonant Energy

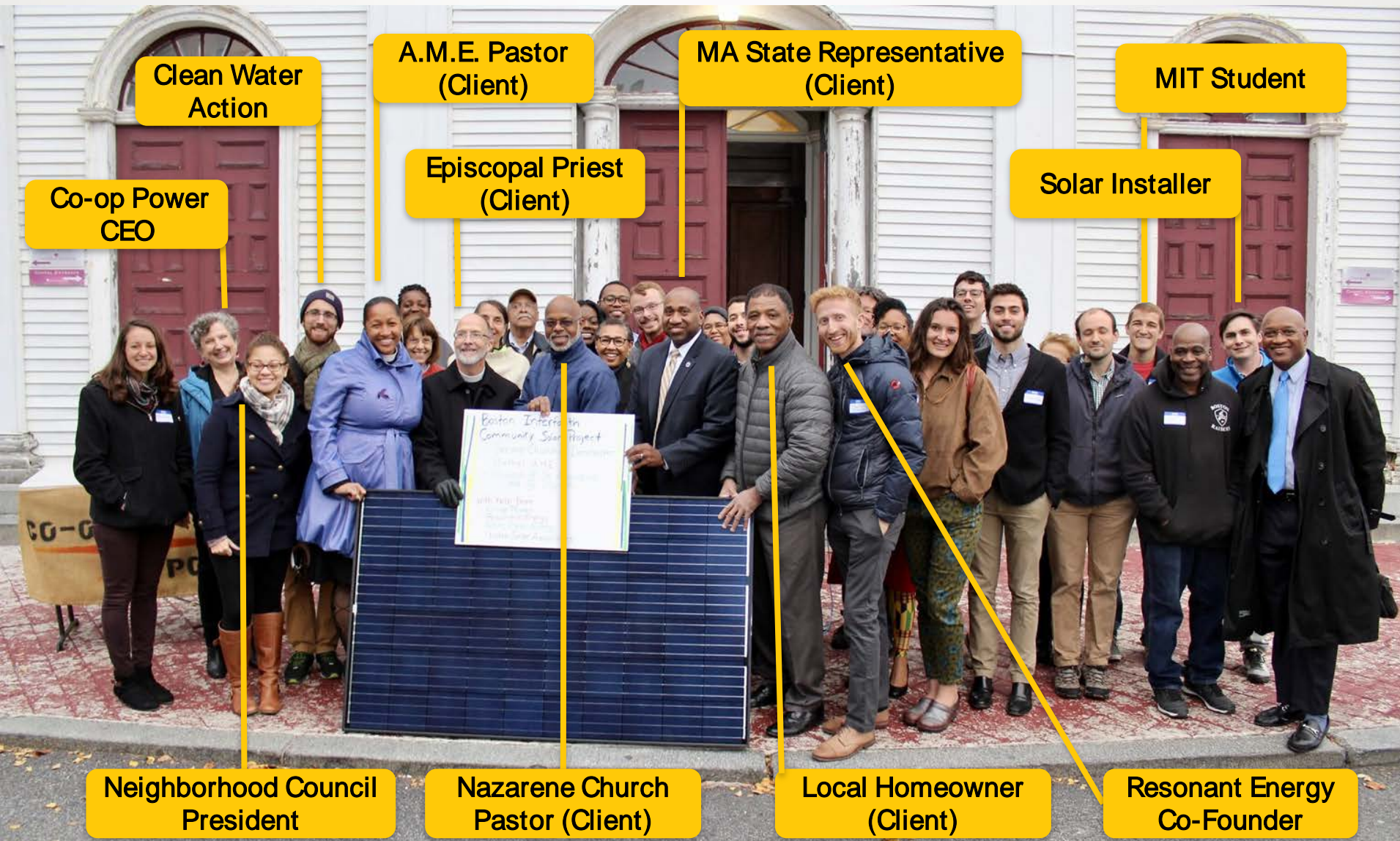
- Solar for any Residential, Nonprofit, or Small Business
- Hub to Connect Organizations to Financing, Contractors, and Organizing
- Low-Income & Nonprofit Solar Development Platform
- Boston-Based company supporting projects across MA, NY



How We Work



Our Vision: Energy Democracy



Energy Democracy

Energy democracy presents a response to the global energy war and joins the environmental and climate movements with broader movements for social and economic change.

Energy democracy is a way to frame the international struggle of working people, low income communities, and communities of color to take control of energy resources from the energy establishment and use those resources to empower their communities —literally providing energy, economically, and politically.

Energy Democracy: Advancing Equity In Clean Energy Solutions, Edited by Denise Fairchild and Al Weinrub

An aerial photograph of a church with a prominent white steeple and a green dome. The church's roof is covered with solar panels. In the background, a large commercial building also has solar panels installed on its roof. The surrounding area includes trees, a parking lot with several cars, and other urban buildings under a blue sky with scattered clouds.

Nonprofit Solar Barriers

Nonprofit Solar Barriers

- **Federal 30% Solar Tax Credit**
- **Upfront Cost**
- **Unique Building Types**
- **Decision-making Process**

An aerial photograph of a historic white church with a green dome and a clock tower. The church is surrounded by a lush green landscape with trees and a parking lot with several cars. In the background, a town with various buildings and a billboard is visible under a blue sky with scattered clouds. The church's roof is covered with solar panels, and the clock tower has two large clock faces.

Our Solutions

The Campaign Process

Trust. Working with trusted voices in the community to be the messengers of this solar program.

Informed Base. Centering outreach and marketing on education first.

Social Proof. Building an outreach campaign and celebrating stories.

PowerUp Solar Key Strategies

- **Project Aggregation (Cost Reduction)**
- **Third Party Financing (Tax Credits)**
- **C-PACE or Mission-Based Loan (Upfront Cost)**
- **Technical Assistance**



Phase I Campaign Successes

PowerUp Solar - 2017 Pilot

- Installation Partner



- Principal Clients and Supporters:



First
Baptist
Church

Qualified Leads: 652 kW

Proposals Sent: 283 kW

Contracted: 100 kW - 5 Buildings

Design for 1st Baptist Church of Riverhead



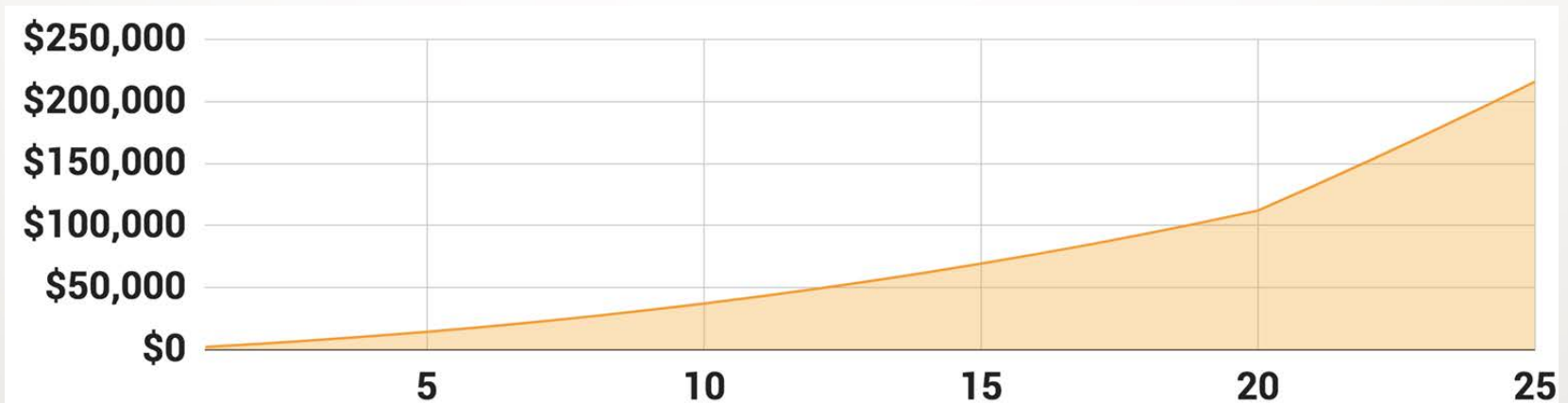
Panels: 140
Panel: LG 400
kW DC: 56,000
kWh/yr: 67,200
Racking: Flush

RESONANT

RESONANT ENERGY

Example Financial Options: 56 kW

	Direct Ownership	Hybrid Ownership
Cost	\$134,000	\$114,000
Loan Terms	20-Year, 6%	20-Year, 6%
Year 1 Savings	\$500	\$2,200
25-Year Net Savings	\$181,000	\$212,000





Phase II Campaign Overview

PowerUp Solar Timeline

- Solar Installer RFP selected
- Year-long campaign
 - Goal: 300 kW across at least 10 buildings
- Solar development process takes 4-6 months

Example Project Timeline

