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

Contractor

Impact Capital

Community Organizations

Nonprofit Solar Projects
Our Vision: Energy Democracy

- Co-op Power CEO
- A.M.E. Pastor (Client)
- MA State Representative (Client)
- MIT Student
- Clean Water Action
- Episcopal Priest (Client)
- Solar Installer
- Neighborhood Council President
- Nazarene Church Pastor (Client)
- Local Homeowner (Client)
- Resonant Energy Co-Founder
- Our Vision: 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.
Nonprofit Solar Barriers
Nonprofit Solar Barriers

- Federal 30% Solar Tax Credit
- Upfront Cost
- Unique Building Types
- Decision-making Process
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**
  - [Sunation](https://www.sunation.com)

- **Principal Clients and Supporters:**
  - First Baptist Church

<table>
<thead>
<tr>
<th>Qualified Leads: 652 kW</th>
<th>Proposals Sent: 283 kW</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Contracted:</strong> 100 kW - 5 Buildings</td>
<td></td>
</tr>
</tbody>
</table>
Design for 1st Baptist Church of Riverhead

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

<table>
<thead>
<tr>
<th></th>
<th>Direct Ownership</th>
<th>Hybrid Ownership</th>
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<tbody>
<tr>
<td><strong>Cost</strong></td>
<td>$134,000</td>
<td>$114,000</td>
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<tr>
<td><strong>Loan Terms</strong></td>
<td>20-Year, 6%</td>
<td>20-Year, 6%</td>
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<tr>
<td><strong>Year 1 Savings</strong></td>
<td>$500</td>
<td>$2,200</td>
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<tr>
<td><strong>25-Year Net Savings</strong></td>
<td>$181,000</td>
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</table>
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

- **ATTEND INTRO MEETING** | June
- **SIGN LETTER OF INTENT** | July
- **TECHNICAL ASSESSMENT** | July
- **SIGN INSTALL CONTRACT** | August
- **INSTALLATION** | September
- **ACTIVATION** | October