

# Community Power Accelerator Prize

**Team Name:** *Global Leaf Energy Corp.*

City and State: St.  
Petersburg, Florida

**Submission Title:** **Community Power Accelerator Prize**

## Organization Overview

Global Leaf Solar Energy Corp. is a forward-thinking renewable energy company specializing in the development of rooftop and ground-mount solar projects with a focus on sustainability and innovation. Our organization is dedicated to transforming the way we harness and utilize solar energy to create a more sustainable future.

**Mission Statement:** "At Global Leaf Solar Energy Corp., our mission is to accelerate the global transition to clean, renewable energy sources by providing high-quality, cost-effective solar solutions. We are committed to reducing carbon emissions and promoting environmental stewardship through the development of innovative solar projects." (See Slide #2)

## Project Overview

Our Phase 2 community solar portfolio includes projects in Conyers, GA, and Houston, TX, serving Justice40 Census Tracts.

### Project Details:

- Conyers, GA Community Solar Project**
  - Location: Conyers, GA
  - Total Capacity: 4 MWDC
  - Project Breakdown: 2 ground-mounted solar arrays (1 MW each) and 1 ground-mounted solar array (2 MW)
  - Timeline: 2024-2025
- Houston, TX Community Solar Project**
  - Location: Houston, TX
  - Total Capacity: 3 MWDC
  - Project Breakdown: 3 ground-mounted solar arrays (1 MW each)
  - Timeline: 2024-2025
- Rooftop Solar Project**
  - Location: Conyers, GA
  - Total Capacity: 0.6 kW
  - Timeline: 2024-2025

(See Slide #3)



**Community  
Power  
Accelerator**

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## Meaningful Benefits

In summary, Global Leaf Solar Corp.'s Phase 2 community solar portfolio projects offer a range of meaningful benefits, including clean energy access, cost savings, job creation, economic growth, educational opportunities, and community development. These projects are designed to uplift disadvantaged communities by addressing both environmental and socio-economic challenges, fostering sustainability, and empowering individuals and businesses in the target areas.

(See Slide #4)

# Past and Current Portfolio

1. For each bullet below, please describe separately both the community solar and other solar projects you have developed, or have helped develop, to date. Please only include projects that have been commissioned and are still in operation today.
  - The total number of community (0), and total number of other, solar projects Roof Tops (60). Ground Mounts (10).
  - The total number of community (0), and total number of other, solar projects for which you led development (70)
  - The total number of community (0) and total number of other, solar projects that you supported, but did not lead development for (3) Ground Mounts.
2. For each bullet below, please describe separately the total capacity ( $MW_{DC}$ ) of both the community solar and other solar projects that you have developed, or have helped develop, to date. Please only include projects that have been commissioned and are still in operation today.
  - The total capacity ( $MW_{DC}$ ) of community solar, and total capacity of other, projects that are still in operation today (.08 mw)
  - The total capacity of community solar, and total capacity of other, projects for which you led development (.08mw)
  - The total capacity of community solar, and total capacity of other, projects that you supported, but did not lead development for. (0)
3. Projects that are planned.
  - The total capacity ( $MW_{DC}$ ) of community solar projects ground mounts are (4mw), 2 -1mw and 1-2mw for 2024-2025.
  - The total capacity ( $MW_{DC}$ ) of Roof Top solar projects are (0.6 kw) for 2024-2025.

# Organization Overview:

1. **Core Focus:** Global Leaf Solar Energy Corp. specializes in the design, development, and installation of rooftop and ground-mounted solar projects. Our projects are tailored to meet the energy needs of a diverse range of clients, from residential to commercial and industrial sectors.
  2. **Project Sizes:** We offer a wide range of solar project sizes, ranging from 10 kW to 2 MW, ensuring that we can cater to the energy requirements of small businesses, large corporations, and even utility-scale operations. Our flexibility in project size allows us to accommodate various energy demands.
  3. **Innovation and Sustainability:** Our commitment to sustainability is at the core of our operations. We continuously invest in cutting-edge solar technologies, ensuring that our projects are highly efficient and environmentally friendly. We also prioritize sustainable construction practices to minimize our carbon footprint.
  4. **Previous Solar Projects:** Global Leaf Solar Energy Corp. has a proven track record of successful solar installations. Some of our notable projects include:
    5. A 1 MW ground-mounted solar farm for a local utility company.
    6. A 500-kW rooftop solar system for a commercial warehouse.
    7. A 10-20 kW solar installation for a residential community.
  8. **Environmental Impact:** By developing and implementing solar projects, we have contributed significantly to reducing greenhouse gas emissions and promoting the use of clean energy sources. Our projects not only help our clients save on energy costs but also contribute to a cleaner and more sustainable planet.
  9. **Commitment to Customer Satisfaction:** Global Leaf Solar Energy Corp. is dedicated to delivering exceptional customer service. We work closely with our clients from project inception to completion, providing comprehensive support and ensuring that their solar energy needs are met effectively.
  10. **Community Engagement:** We actively engage with local communities to promote solar energy education and awareness. We believe that a sustainable future involves not only the adoption of clean energy but also the empowerment of individuals and communities to make environmentally conscious choices.
- In conclusion, Global Leaf Solar Energy Corp. is a forward-looking organization committed to advancing the adoption of solar energy through innovative and sustainable projects. Our diverse portfolio, commitment to customer satisfaction, and dedication to environmental stewardship make us a trusted partner in the transition to clean and renewable energy sources.

# Meaningful Benefits from Global Leaf Solar Corp.'s Phase 2 Community Solar Portfolio Projects:

## 1. Conyers, GA Community Solar Project:

1. **Clean Energy Access:** Residents in Conyers, GA, will gain access to clean and renewable energy. This will reduce their reliance on fossil fuels, leading to a significant reduction in greenhouse gas emissions and contributing to a cleaner environment.
2. **Cost Savings:** Lower-income households in the community will benefit from reduced energy costs, as they can participate in shared solar programs or receive discounted rates, resulting in financial relief for struggling families.
3. **Job Creation:** The project will create employment opportunities, including construction, operation, and maintenance roles. This will improve the local economy and provide steady income for community members.
4. **Educational Initiatives:** Global Leaf Solar will collaborate with local schools to provide educational programs on solar energy and environmental conservation. This will empower students with knowledge about sustainable practices and career opportunities in the renewable energy sector.

## 2. Houston, TX Community Solar Project:

1. **Clean Energy Access:** The Houston community will have access to clean and reliable solar energy, which will contribute to reducing air pollution and improving air quality in the area.
2. **Economic Growth:** By partnering with SEDI-owned businesses, the project will stimulate economic growth within Houston. These partnerships will create jobs, encourage entrepreneurship, and foster a thriving local economy.
3. **Community Development:** Global Leaf Solar's long-term presence through the satellite office will result in ongoing community development initiatives, infrastructure improvements, and a strengthened sense of community pride.
4. **Local Workforce Development:** Through job training and employment opportunities, community members will gain valuable skills and experience in the renewable energy sector, increasing their employability and career prospects.

## 3. Rooftop Solar Project in Conyers, GA:

1. **Demonstration of Sustainability:** The rooftop solar project serves as a visible demonstration of sustainable energy practices within the community. It can inspire residents to adopt their own solar solutions, further contributing to environmental sustainability.
2. **Educational Resource:** The project will provide educational resources to local schools, showcasing the benefits of rooftop solar systems and the importance of renewable energy. This hands-on learning experience can empower students to be more environmentally conscious.
3. **Energy Efficiency:** The solar installation will improve the energy efficiency of the building, leading to reduced energy bills and cost savings for the entity using the rooftop solar system.