

# South Bend Solar Initiative

a subrecipient of the greenhouse gas reduction fund  
competition solar for all

Presentation for

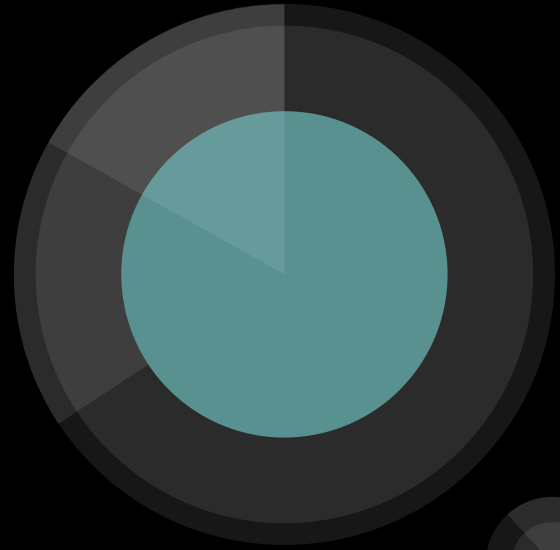
The City of South Bend Zoning Committee

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**A Movement Strategy Center fiscally sponsored  
501(c3) project**



# Greenhouse Gas Reduction Fund

## Program Objectives

The Inflation Reduction Act created a first-of-its-kind, national-scale program: the Greenhouse Gas Reduction Fund—a \$27 billion investment to mobilize financing and private capital to address the climate crisis, ensure our country's economic competitiveness, and promote energy independence while delivering lower energy costs and economic revitalization to communities that have historically been left behind.

Reduce greenhouse gas emissions and other air pollutants.

Deliver the benefits of greenhouse gas- and air pollution-reducing projects to American communities, particularly income eligible

Mobilize financing and private capital to stimulate additional deployment of greenhouse gas and air pollution reducing projects.

# Three funding mechanisms via the Greenhouse Gas Reduction Fund

## National Clean Investment Fund

A competition providing grants to national nonprofit clean financing institutions.

## Clean Communities Investment Accelerator

A competition providing grants to hub nonprofits that in turn, deliver funding and technical assistance to local community lenders.

## Solar For All

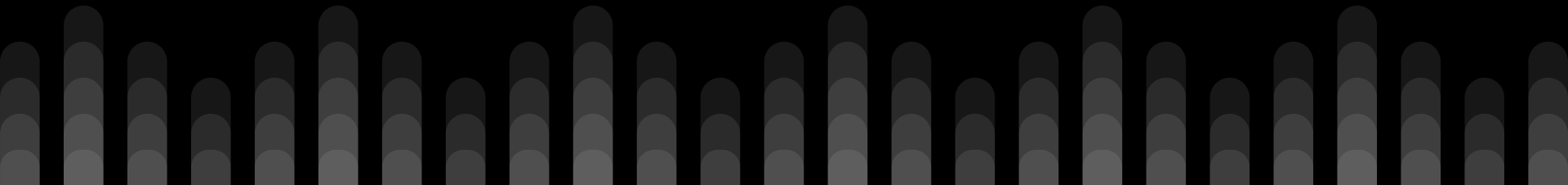
The competition will expand the number of income eligible communities primed for residential solar investment.



# SOLAR FOR ALL

Under the \$7 billion Solar for All program, the 60 selected applicants will create new or expand existing low-income solar programs, which will enable over 900,000 households in income eligible communities to benefit from distributed solar energy.

Collectively, these programs will deliver on the Greenhouse Gas Reduction Fund's objectives by reducing greenhouse gas emissions and other air pollution, delivering cost savings on electric bills for overburdened households, and unlocking new markets for distributed solar in 25 states and territories that have never had a statewide eligible income solar program before.



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# Impact Assessment

## Targets for each solar project :

1. Number of households projected to benefit
  2. MW solar capacity deployed over time (5 years)
  3. MWh storage deployed over time (5 years)
  4. Short tons annual CO2 emissions avoided over time (25 years)
  5. Absolute annual household savings realized over time (25 years)
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# Meaningful Benefits Plan

1. **Maximize household savings (at least 20%, hope for zero-cost burden)**
  2. **Overarching goals to deliver energy resilience and grid benefits**
    - a. Battery storage, energy efficiency and electrification
    - b. Resilience hubs, and microgrids
  3. **Maximize household and community ownership models and build wealth**
    - a. No upfront cost ownership models and supportive financing
  4. **Investment in jobs and businesses in eligible communities**
    - a. Comprehensive, statewide solar-focused workforce initiative
    - b. Strategy to scale up services to local businesses and entrepreneurs to meet demand
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5 Microgrids

4 Energy Storage

200 Residential serving solar

50 Resiliency Hubs

200 Residential  
Serving Solar

50 Nonprofit Resiliency  
Rooftop Solar



Solar

Roof Repair



Battery  
Storage



Microgrid

Energy  
Efficiency

5 plus Microgrids  
→ Initials site  
→ Indianapolis  
→ South Bend  
→ Terre Haute  
→ Jeffersonville  
→ Gary

5 Investor Owned  
Utilities



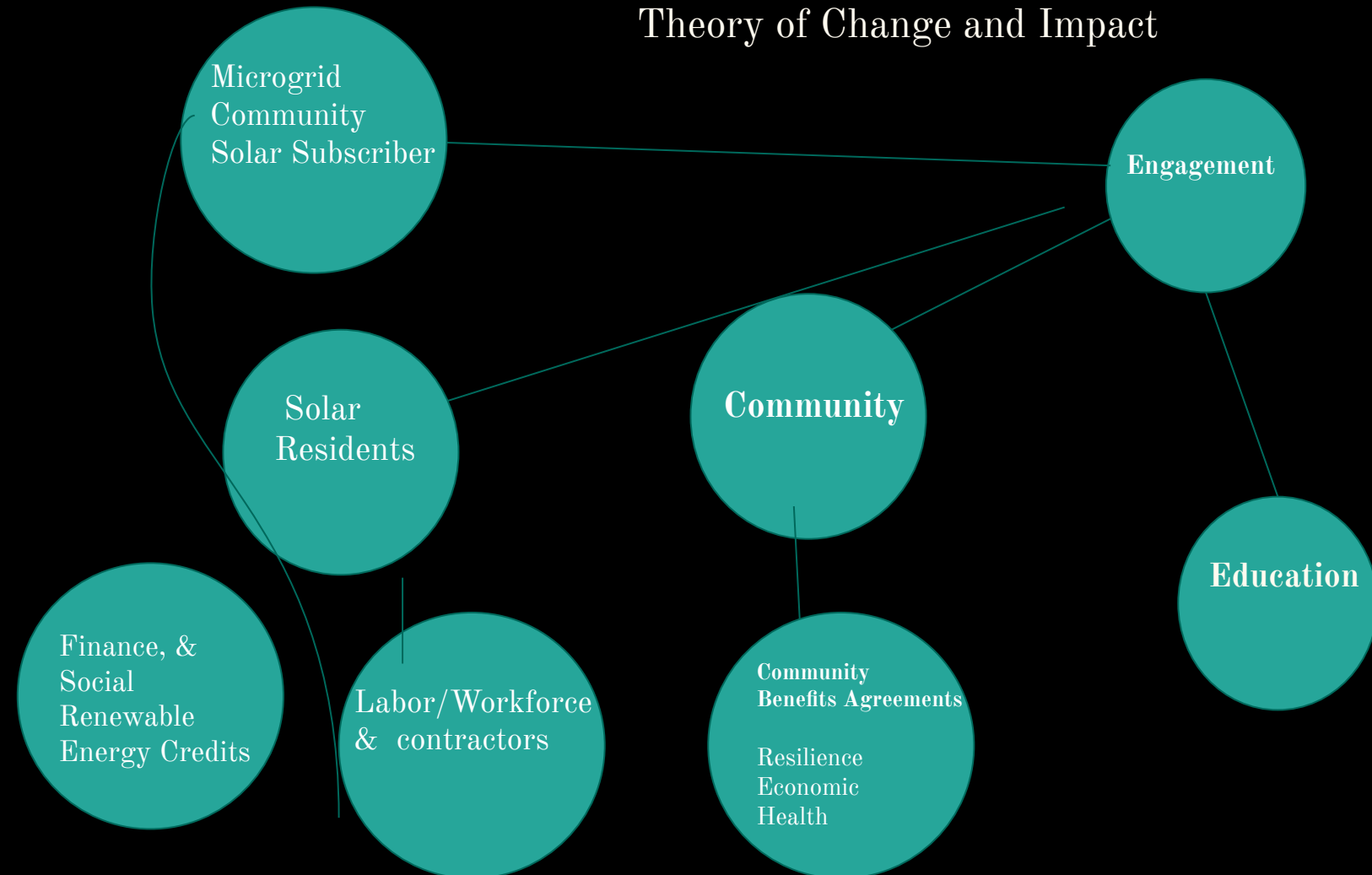
Education

Engagement

Residential serving

Microgrid Development and  
organizing/Subscribers

# Theory of Change and Impact



# South Bend

## We're looking for -

- A building owned by a nonprofit or municipality in a Westside community that can serve as a resiliency hub - providing warming, cooling, refrigeration and other life saving community services
- With 5 acres of roof and land with direct sun (flat or south facing, not shaded by buildings, trees, hills/mountains, or HVAC and other rooftop equipment)

## Where we can build -

- A \$2.5 million megawatt solar project with battery storage able to disconnect from the grid when the grid goes down with a AEP/I&M Letter of Support owned by a local energy co-op owned by people in South Bend

## Community benefits -

- Resiliency Hub
- Solar Savings Program Serving ~200 households
- People trained in solar installation and jobs created
- Community Health and Environment Benefits
- Community Wealth Building