

# Growing Resilience for Energy & Equitable Nourishment: Project GREEN

## Ensuring Sharpsburg's Clean Energy Future

### Duquesne Light Company (DLC) Team:

- Anna Connor – Innovation Center
- Angela Feldbauer – Environmental, Sustainability, and Governance (ESG)
- Erin Henley – Innovation Center
- Clint Noack – New Products & Services

### The Community and Its Challenges:

- Sharpsburg, PA – a Justice40 community with population of approximately 3,200, designated as a food desert.
- A community with a vision for (clean) energy independence that has suffered loss of former steel and glass industries.
- Currently a high energy-burden community with old, inefficient building stock.
- Health and quality of life impacts due to industry/commerce in surrounding areas.

### The Proposed Solution:

- Sustainable community hub in Sharpsburg that integrates an urban greenhouse and grocery store powered by renewable energy systems, including solar panels, battery storage, and biomass technology.
- Profits generated from the grocery store will fund programs addressing structural energy burdens and community needs, such as weatherization, anti-displacement funds, and education.
- This innovative approach combines food security, energy independence, and equitable economic empowerment into a single, scalable model for sustainable development.

### DLC's Partners

- Sharpsburg Borough Office
- LocalDutch
- Farm To Flame
- Wilson Engineering Services
- Sharpsburg Neighborhood Organization
- Roots of Faith
- The Mosites Company

