



HOPE VILLAGE NEIGHBORHOOD SOLAR DEVELOPMENT

OVERVIEW

Focus: HOPE is a Detroit-based, non-denominational non-profit focused on overcoming racism, poverty, and injustice in Detroit through initiatives such as its HOPE Village Initiative. Directed towards the neighborhood around its headquarters the HOPE Village initiative aims to create a neighborhood where 100% of residents are educationally well-prepared, economically self-sufficient, and living in a safe and supportive environment. In support of these objectives, the HOPE Village Neighborhood Solar Development project generates clean, affordable power locally through a 5MW solar power plant, potentially allowing portions of the neighborhood to go off the grid. The project utilizes former brownfield sites, transforming this vacant land into productive use.

OBJECTIVES

- Complete key planning and pre-development tasks necessary to develop 5 MW of Sustainable Power Production Capacity in the HOPE Village Neighborhood of Detroit.
- Remove portions of the neighborhood from the grid by transforming three brownfields sites in the neighborhood into solar energy producing locations owned by a community land trust.
- Provide a positive economic impact on the proposed project neighborhood in terms of sustainable land reuse and improved surrounding property values.
- Help DTE meet its PV solar goal as part of its 15 percent renewable energy requirement.
- Provide local jobs during construction of the 25 to 30 acre renewable power production facility.

RESOURCES

- TBD

EVALUATION METRICS

- Value of solar power generated compared to other energy sources.

IMPLEMENTATION STRATEGIES

E	LAND REGULATIONS, TRANSACTIONS, AND ENVIRONMENTAL ACTIONS
B	SUPPORT A NETWORK OF NEW AND EXISTING NEIGHBORHOOD TYPES
C	INTRODUCE NEW FORMS OF DEVELOPMENT
D	CREATE A NEW AND DIVERSE OPEN SPACE SYSTEM FOR THE CITY
A	REFORM SERVICE DELIVERY
B	CREATE LANDSCAPES THAT WORK
D	REPURPOSE VACANT LAND TO CREATE GREEN NEIGHBORHOODS
E	RENEW TRADITIONAL NEIGHBORHOODS
B	USE VACANT PUBLIC LAND AS A TOOL FOR NEIGHBORHOOD STABILIZATION
E	INCORPORATE MORE INNOVATIVE VACANT LAND MAINTENANCE APPROACHES

Initiative begins

Initiative complete



INITIATIVE VITALS

CONTRIBUTING ORGANIZATIONS:

Focus: HOPE, Megawatt Photovoltaic Development Inc., Detroit Future City

INITIATIVE TYPE:

Partner

DFC REPRESENTATIVE:

Chris Dorle

INITIATIVE SCALE: 5 MW self-generated solar power for the HOPE Village across 25-30 acres of vacant land and former brownfield sites.

INITIATIVE DURATION:

October 2014–November 2016

RELEVANT PLANNING ELEMENTS:

Economic Growth, Land Use, City Systems, Neighborhoods, Land and Buildings Assets

DFC APPROACH

Detroit Future City works closely with Focus: HOPE and Megawatt to develop a plan to provide solar energy to the LaSalle House, an energy efficiency demonstration project in the HOPE Village neighborhood, as well as the surrounding neighborhood through a 5MW Solar PV power plant. DFC supports research of parcel ownership, coordination with DTE, engagement with key stakeholders, community engagement, education and outreach, environmental due diligence, analysis of the requirements of land trust ownership, as well as implementation.



Image Source: David Monniaux, Wikimedia Commons