

NEAR EASTSIDE SOLAR FACILITIES INITIATIVE

Sponsored By: Englewood CDC & East Washington Street Partnership

Englewood Community Development Corporation, as part of the newly established East Washington Street Partnership, proposes to install state-of-the-art solar arrays to a maximum of sixteen Near Eastside and East Washington Street area properties, utilizing IPL's Rate REP initiative, which guarantees a fixed rate purchase of solar energy for 15 years. The majority of the facilities are owned by and/or operated for community development purposes in our collective pursuit for a healthier and more vibrant Near Eastside of Indianapolis.

As the first major initiative of the East Washington Street Partnership through Englewood CDC, the goals of the Solar Facilities Initiative are consistent with the Partnership's long term "triple bottom line" (Profit. People. Planet) economic development strategy:

1. Financial Viability: The initiative will provide a positive annual cash flow for the anticipated 35+ year life of the solar equipment. While the short term return on investment would be considered low, the initiative will provide a very healthy financial return for facility and financial partners committed to the long term growth and prosperity of the Near Eastside.



2. Strengthen Community Centered Facilities and Organizations: The initiative will directly benefit, over the short and long term, facilities and organizations committed to serving Near Eastside neighbors and neighborhoods.



3. Contribute Toward Our Renewable Energy Future: Environmental sustainability should be our collective pursuit and cannot be at odds with economic development. Over the system life, the solar facilities will be the equivalent of the carbon sequestered by 16,659 acres of pine or fir forest annually.



EAST WASHINGTON STREET CONCENTRATION



Harrison College
550 E Washington St
91,400 kwh/year



Shepherd Community Center
4107 E Washington St
79,223 kwh/year



PR Mallory Building L
60 S Parker Street
297,900 kwh/year



Horner Electric
2045 E Washington St
732,720 kwh/year



Englewood Christian Church
57 N Rural St
104,400 kwh/year



The Commonwealth Apartments
23 N Rural St
60,700 kwh/year

FOUNTAIN SQUARE



Keep Indianapolis Beautiful, Inc.
1029 Fletcher Ave
139,100 kwh/year



Southeast Health Center
901 Shelby St
84,400 kwh/year

EAST 10TH CONCENTRATION



John H Boner Community Center
2236 E 10th St
67,800 kwh/year



Brookside Apartments
1010 N Beville Ave
71,065 kwh/year



St. Clair Place Senior Apartments
2500 E 10th St
63,800 kwh/year



People's Health & Dental Center
2034 E 10th St
51,300 kwh/year

NEAR EASTSIDE



Paramount School of Excellence
3020 Nowland Ave
63,400 kwh/year



Chase Near Eastside Legacy Center
745 N Oriental St
80,800 kwh/year

ENTERPRISE BUSINESS PARK



Vision Direct
2222 N Enterprise Park Pl
279,100 kwh/year



Commercial Food Systems
2210 N Enterprise Park Pl
192,900 kwh/year

The benefits to each participating community development entity would include:



1. A modest annual site lease (for use of the rooftop space) over the initial 15 years.
2. The ability to own and utilize the power generated from the solar facility after the 15 year PPA expires. Approximately 50% of each facility's power would be paid for in Years 16-25 (and beyond).
3. The ability to sell the SREC's in Years 16-25 (and beyond)
4. Other tangible and intangible benefits associated with promoting and helping to pioneer green and high performance technologies, particularly within urban and underserved neighborhoods.

The projected operating budget indicates that the solar facilities would generate **\$19 million worth of solar energy** over an estimated 35 year life. If the system was fully paid for after 15 years, the analysis shows that the **participating community development entities would directly receive over \$8.5 million in energy savings.**



If this system was operable for 35 years, it would produce over 86,100,000 kilowatt-hours over the system life and avert 59,371 metric tons of carbon dioxide.



That's the equivalent of:

- The carbon sequestered by 12,659 acres of pine or fir forest annually.
- The electricity use of 7,403 homes for one year.
- The greenhouse gas emissions from 11,641 passenger vehicles, which is like taking away emissions from over 80% of the Near Eastside vehicles.

(<http://www.epa.gov/cleanenergy/energy-resources/calculator.html#results>)

