



**DC Commission on Climate Change and Resiliency
Clean Energy and Community Benefits – Thinking Bolder and More Broadly**

**Jeff Lesk, Co-Founder and President
New Partners Community Solar**



Our Work



- ❖ Solar finance, development, and operation
- ❖ Community development
- ❖ Access to green jobs
- ❖ Pilot Projects
- ❖ Environmental education
- ❖ Advocacy
- ❖ Resilience against climate change
- ❖ Energy justice in underserved communities

Our Starting Point



Creating More Solar



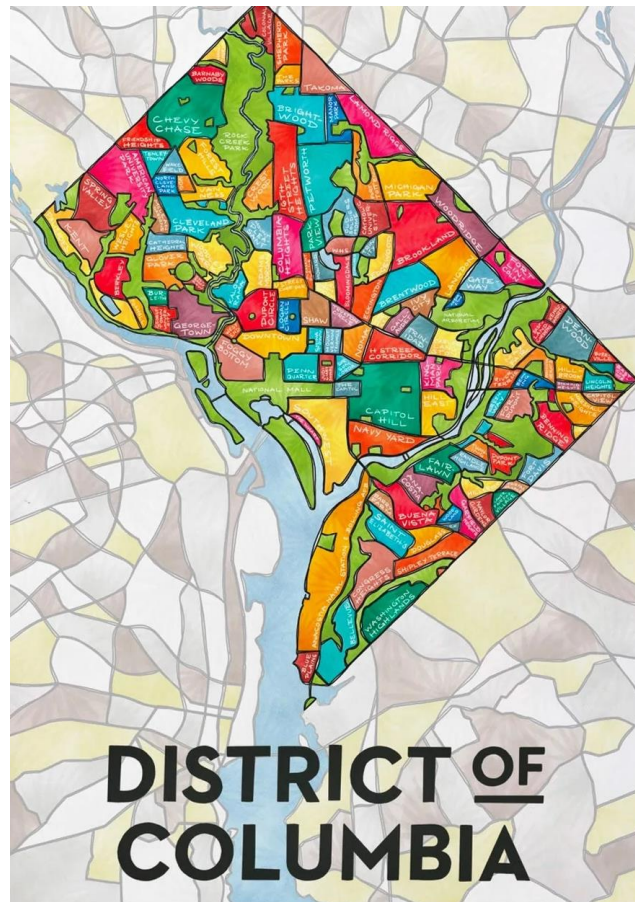
Creating More Solar

But Where?



Creating More Solar

But Where?



“Creating New Real Estate” for Solar



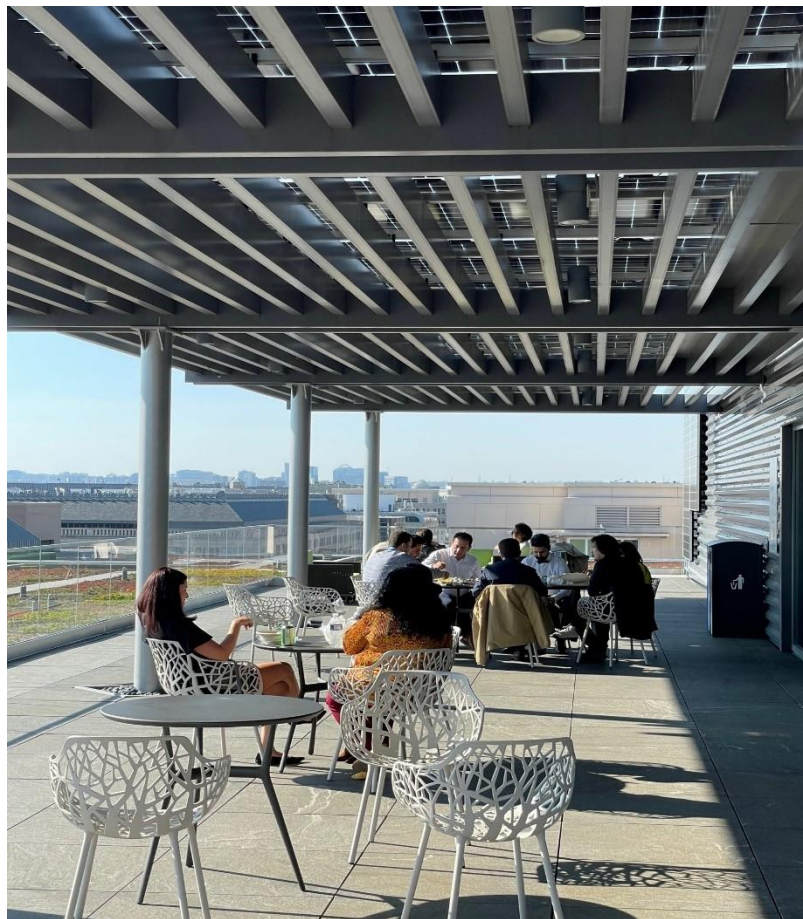
Vertical Wall-Mounted Systems



Solar + Green Roof



Terrace Canopies



Sheltered Playground/Outdoor Classroom



Community Connection



Community Solar



Community Solar + Solar for All



Community Solar + Solar for All

Environmental Justice



Clean Energy and Community Benefits – Thinking Bolder and More Broadly



Community Solar – Produced Here



Clean Energy and Community Benefits – Thinking Bolder and More Broadly

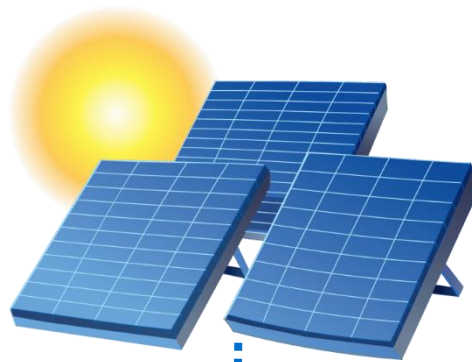


Community Solar –

Benefitted There



Community Solar



Solar Panels

Sunlight falls on the solar panels. The solar panels convert the sun's energy into electricity.



Meter

The meter measures the amount of electricity produced at the school before the electricity is fed into the utility grid.



Pepco

Pepco keeps track of how much electricity the solar panels feed into the utility grid.



Utility Bill

Pepco calculates the value of this electricity and provides a **cash credit to low-income participants' monthly electric bill.**

Growing Focus on RESILIENCY



Climate Change RESILIENCY for those with no place to go

Resilience Hub



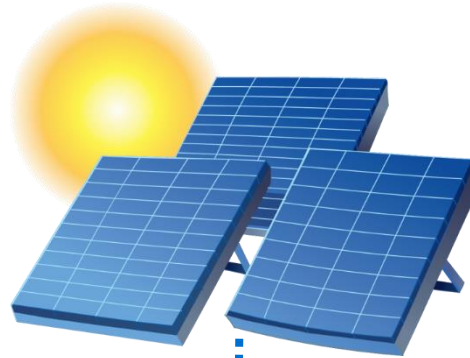
Utility Grid RESILIENCY



Clean Energy and Community Benefits – Thinking Bolder and More Broadly

Solar

LUDLOW-TAYLOR ELEMENTARY



Solar Panels

Sunlight falls on the solar panels. The solar panels convert the sun's energy into electricity.



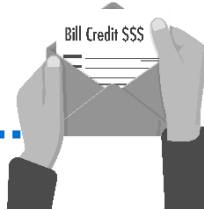
Meter

The meter measures the amount of electricity produced at the school before the electricity is fed into the utility grid.



Pepco

Pepco keeps track of how much electricity the solar panels feed into the utility grid.

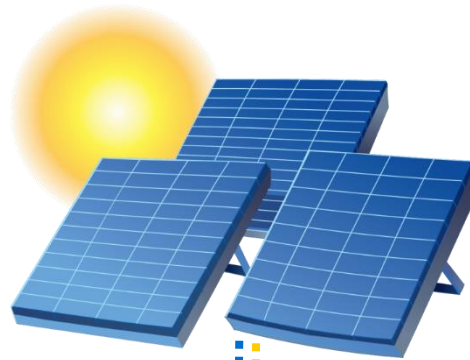


Utility Bill

Pepco calculates the value of this electricity and provides a **cash credit to low-income participants' monthly electric bill.**

Solar + Battery

LUDLOW-TAYLOR ELEMENTARY



Solar Panels

Sunlight falls on the solar panels. The solar panels convert the sun's energy into electricity.

Battery



Battery Addition

With the addition of a battery to the solar arrays, an automatic switch sends "excess" energy produced during the day to the battery instead of the utility grid. The battery then feeds the energy back into the grid at night, balancing the amount of energy being fed into the electric grid.



Meter

The meter measures the amount of electricity produced at the school before the electricity is fed into the utility grid.



Pepco

Pepco keeps track of how much electricity the solar panels feed into the utility grid.



Utility Bill

Pepco calculates the value of this electricity and provides a **cash credit to low-income participants' monthly electric bill.**

Human RESILIENCY



Green Jobs



Human

RESILIENCY Expanding SOLAR FOR ALL



Clean Energy and Community Benefits – Thinking Bolder and More Broadly

Human

RESILIENCY Expanding SOLAR FOR ALL



- Original Solar for All – Meters Only
- Returning Citizens
- Womens Shelter
- Transitional Housing
- Master-Metered Affordable Rental Housing

26

Technical Assistance and Capacity Building

- Nonprofit Affordable Housing Sponsors
- Other Nonprofits
- Inflation Reduction Act Opportunities
- Combining Low-Income Housing Tax Credit and Renewable Energy Tax Credits
- SREC Income as Security for Debt

27

How do we do it?

Importance of Partnerships





THANK YOU!

**DC Commission on Climate Change and Resiliency
Clean Energy and Community Benefits – Thinking Bolder and More Broadly**

**Jeff Lesk, Co-Founder and President jeff@npsolar.org
New Partners Community Solar npsolar.org**

