



2023 Annual Conference

All Hands on Deck!

Navigating a Sustainable Future

June 13 - 15, 2023

Pre-Conference June 12

Sheraton San Diego Hotel & Marina



2023 Annual Conference
All Hands on Deck!
Navigating a Sustainable Future



Putting it all together: DC's Comprehensive Energy, Water and Solar Program Portfolio

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Agenda

- Introducing DC Department of Energy and Environment
 - DOEE 7 Utility Programs Overview
- DOEE Intake Process + Organizational Process
- Closer Look:
 - Application Reformatting
 - Data Management and Sharing
 - LIHEAP and Solar for All Collaboration

MISSION

DOEE's mission is to improve the quality of life for the residents and natural inhabitants of the nation's capital by protecting and restoring the environment, conserving our natural resources, mitigating pollution, increasing access to clean and renewable energy, and educating the public on ways to secure a sustainable future.



ASSISTANCE PROGRAMS



Low Income Home Energy Assistance Program



Utility Discount Program



Clean Rivers Impervious Area Charge Residential Relief Program



Weatherization Assistance Program



Solar for All



Lead Pipe Replacement Assistance Program



Emergency Mechanical System Program

LOW INCOME HOME ENERGY ASSISTANCE PROGRAM (LIHEAP)

LIHEAP is a federally and locally funded program that provides

- Annual assistance up to \$1,800 on electricity or gas bills, and
- Annual emergency assistance up to \$750.

LIHEAP assists around 20,000 households every year.



UTILITY DISCOUNT PROGRAM (UDP)

UDP consists of monthly discounts on utility bills:

- PEPCO
- Washington Gas
- DC Water
- Verizon home phone service*

*=The application process for Verizon home phone service is administered by Universal Service Administrative Co.



CLEAN RIVERS IMPERVIOUS AREA CHARGE (CRIAC) RESIDENTIAL RELIEF PROGRAM

CRIAC is an expansion of the DC Water utility discount to higher income levels.

There are three tiers of relief based on the applicant's household size and income:

- CAP
- CAP 2
- CAP 3



WEATHERIZATION ASSISTANCE PROGRAM (WAP)

Weatherization measures

- Insulation
- duct sealing
- heating, and cooling systems repairs or replacement
- air infiltration mitigation
- ENERGY STAR lighting and appliances.



SOLAR FOR ALL (SFA)

SFA increases the amount of solar energy generated in the District and provides the benefits from locally generated solar power to small businesses, nonprofits, seniors, and low-income households.

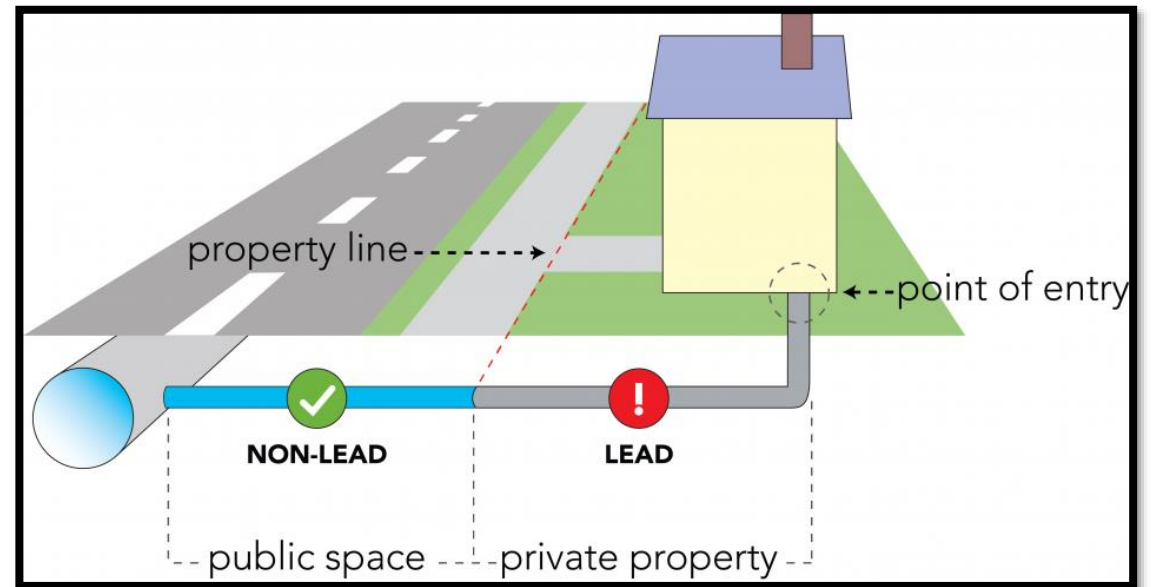
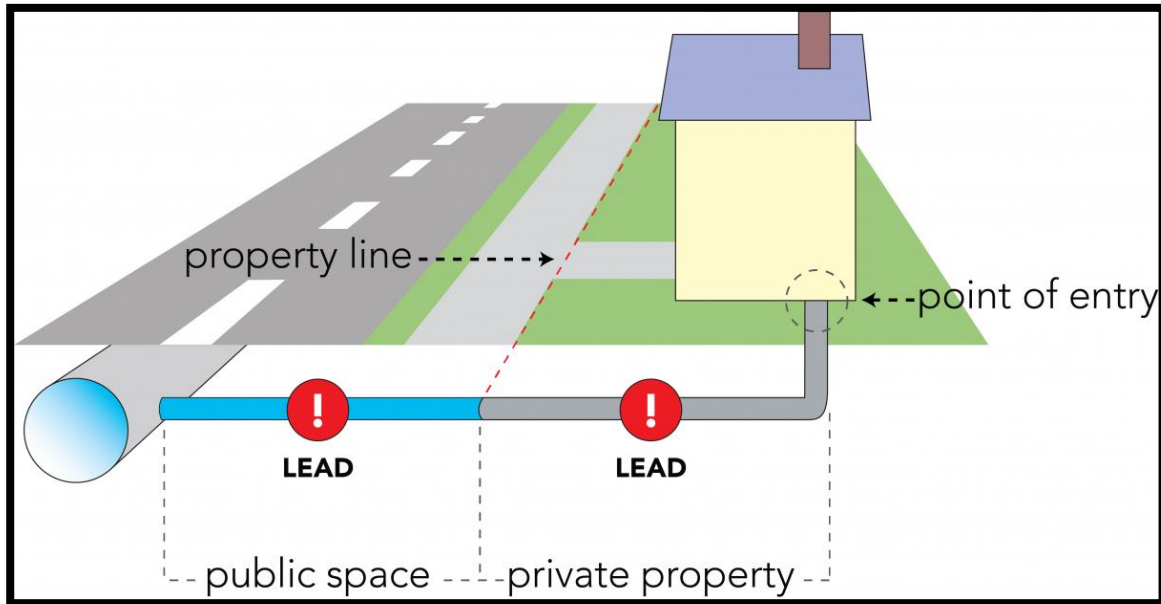
Installations can be

- Onsite, or
- Community Solar



LEAD PIPE REPLACEMENT ASSISTANCE PROGRAM (LPRAP)

- Helps property owners complete their lead pipe replacement, if they have a partial lead service line
- No income limit



EMERGENCY MECHANICAL SYSTEM PROGRAM (EMSP)

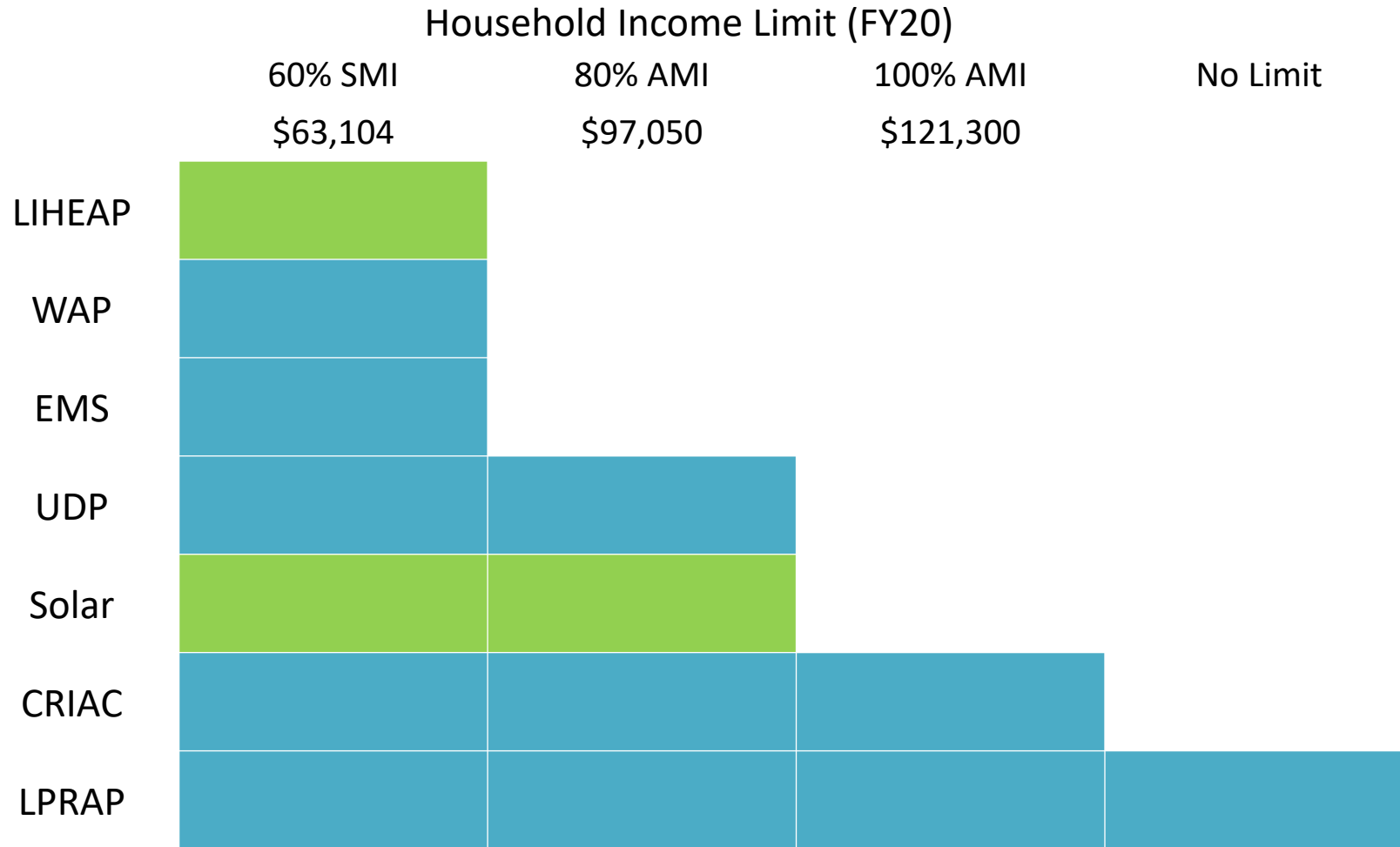
Repair or replacement of hot water tanks, central air conditioning units, and heating systems for single family homes.

Items needed to apply:

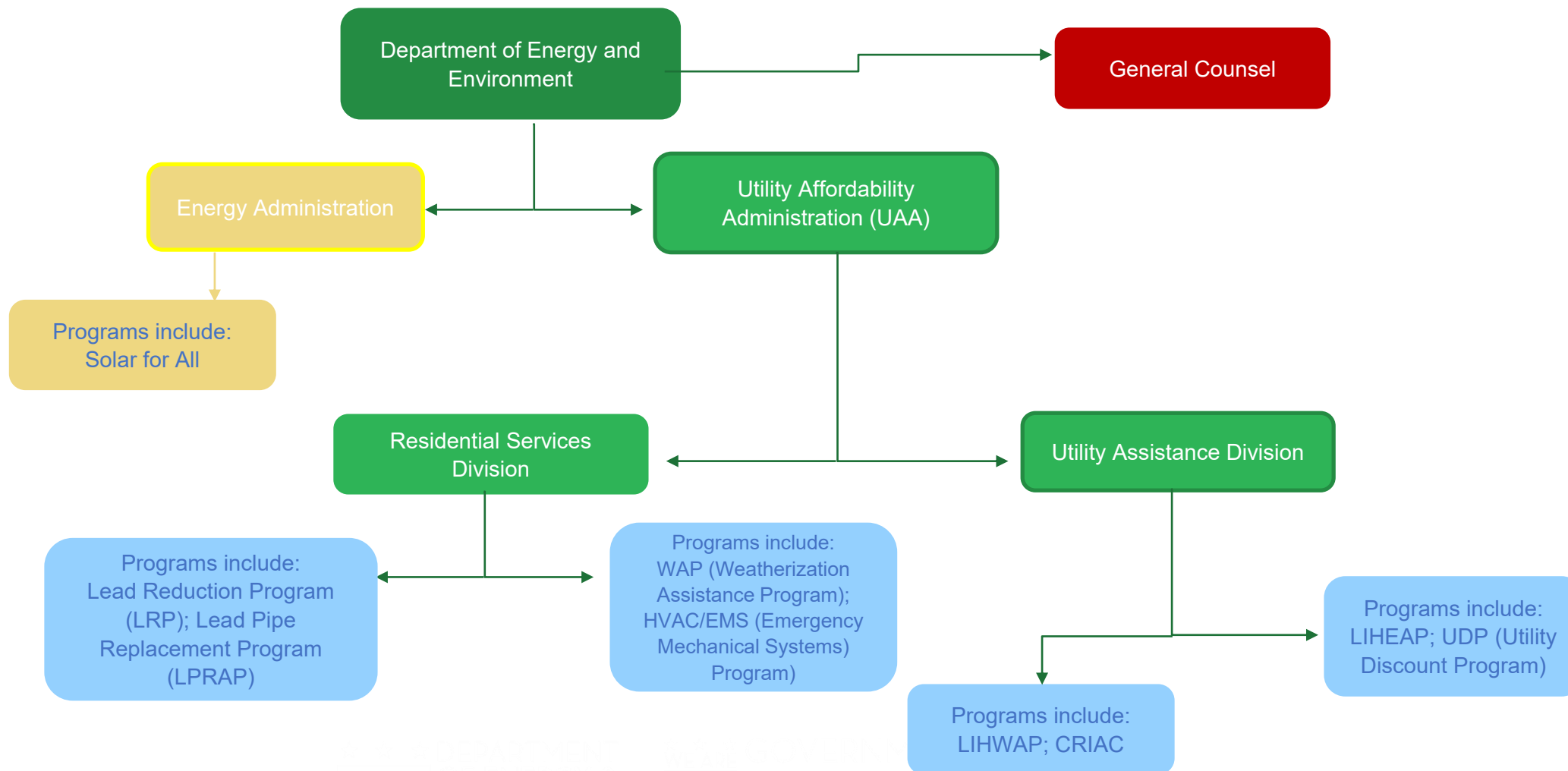
- Red tag for inoperable HVAC system
- Contractor estimate with their letterhead



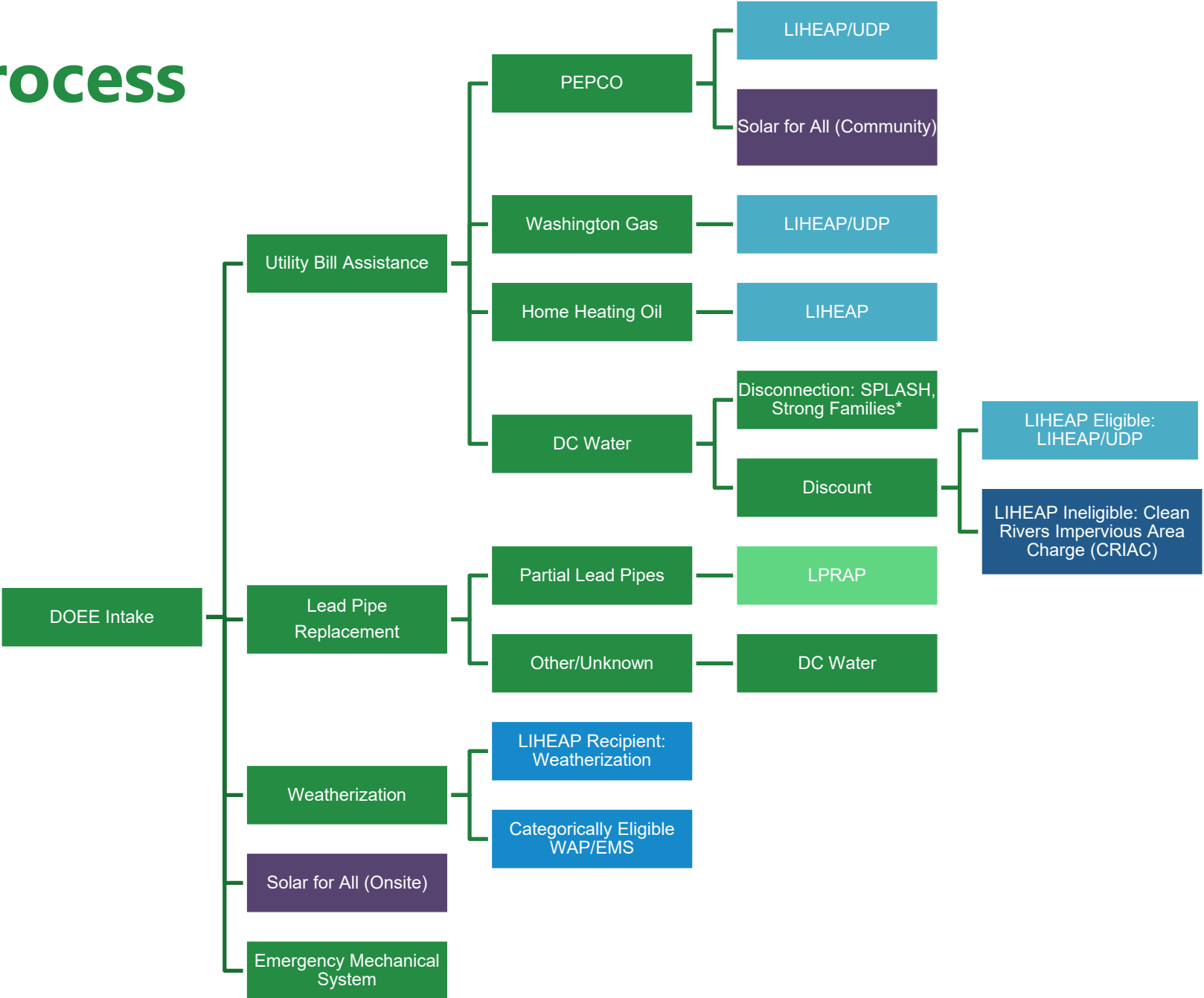
INCOME ELIGIBILITY FOR A HOUSEHOLD OF FOUR




DOEE UTILITY PROGRAM ORGANIZATIONAL STRUCTURE



Intake Process



CHANGES IN INTAKE: APPLICATION REFORMATTING


DEPARTMENT OF ENERGY & ENVIRONMENT
GOVERNMENT OF THE DISTRICT OF COLUMBIA

Get help paying for your [utilities](#).
 Complete this form to get help paying for your electricity, gas, oil, and/or water bills.
 We—DC Government—will reduce the cost of your utility bills from PEPCO,
 Washington Gas, C & M Oil, Griffith Oil, and/or DC Water. You can visit
[DOEE.DC.Gov/Heap](#) and apply online.

1. Tell us about yourself

Full Name:	Date of Birth: (MM/DD/YYYY)	SSN:
Email:	How would you like us to contact you? (Choose all that apply)	
Phone: <input type="checkbox"/> Cell <input type="checkbox"/> Landline	<input type="checkbox"/> Email	<input type="checkbox"/> Text <input type="checkbox"/> Call
Gender: <input type="checkbox"/> Male <input type="checkbox"/> Female <input type="checkbox"/> Nonbinary	Are you Hispanic/Latinx? <input type="checkbox"/> Yes <input type="checkbox"/> No	
Race (select one): <input type="checkbox"/> American Indian/Alaska Native <input type="checkbox"/> Black/Afr. American <input type="checkbox"/> Native Hawaiian/Pacific Islander <input type="checkbox"/> Asian <input type="checkbox"/> White <input type="checkbox"/> Other: _____		
What is your primary language? <input type="checkbox"/> English <input type="checkbox"/> Spanish <input type="checkbox"/> Chinese <input type="checkbox"/> Korean <input type="checkbox"/> Amharic <input type="checkbox"/> French <input type="checkbox"/> Vietnamese <input type="checkbox"/> Prefer not to say		
Are you interested in receiving future communications about other DOEE programs? <input type="checkbox"/> Yes <input type="checkbox"/> No		

2. Tell us about your home

Home Address:	Unit #:	ZIP:	WARD:
Do you rent or own your current home? <input type="checkbox"/> Own <input type="checkbox"/> Rent			
Which best describes your home? <input type="checkbox"/> Single family home <input type="checkbox"/> Multi-Family			

3. Tell us about your household's income

List everyone who lives in your home, and all children. To calculate monthly income, add up the money the person makes each month from working, as well as money received from social security, unemployment, child support, or pension payments. Please make sure to list everyone in your household, even if they do not have income.

Name of household member	SSN, or Alien #	Date of birth (MM/DD/YYYY)	Has a disability? (Y/N)	Monthly income (\$)

Need more room to write? Attach another sheet of blank paper with this same information.

Section 1: Applicant background: name, SSN, race, language, etc..

Section 2: Home information

- Address
- Rent or own
- Type of home: Single family, Multi-family

Section 3: Household income, household member info: DOB, SSN, & disability

Section 4: Utilities

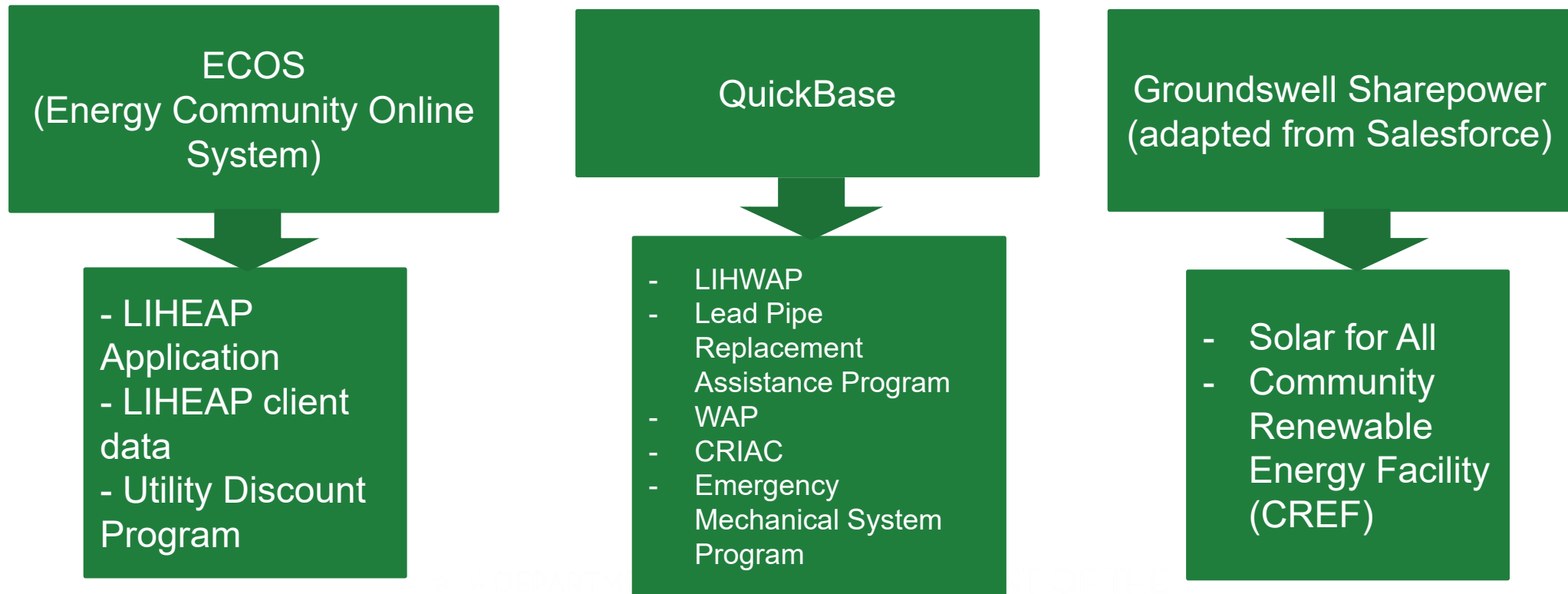
- Water, electric, gas (all asking if it's included in rent or not)
- primary source of heating

Section 5: Terms

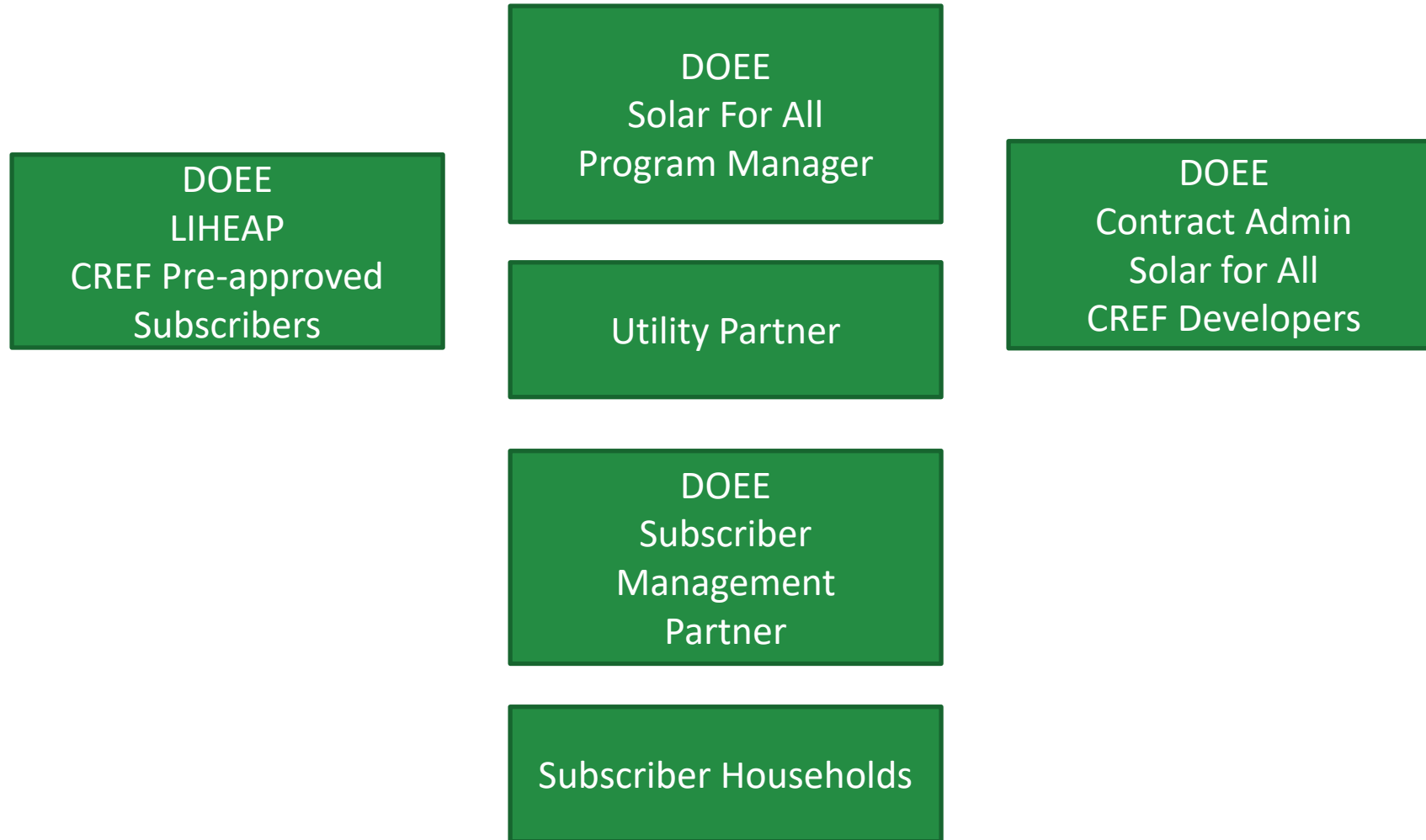
1. Language around enrolling in Solar For All
2. Grant permission to utility companies to release information to DOEE to determine eligibility to any/all utility assistance programs
3. Permission to for DOEE to use information I provide to other agencies and organizations from whom I may seek financial assistance

DATA MANAGEMENT AND SHARING

- Externally: data sharing between utility companies and DOEE for DOEE assisted customers
- Internally:



DC COMMUNITY SOLAR & LIHEAP COLLABORATION



DC COMMUNITY SOLAR SITE



Capacity: 2.6 MW

LMI Households served: 750

Approx \$500/yr per household in
electricity bill savings

More details:

<https://doee.dc.gov/service/oxonrunsolar>

DC COMMUNITY SOLAR SITE



Capacity: 1.1 MW

LMI Households served: 325

Approx \$500/yr per household in
electricity bill savings

More details: [Case Study](#)

DC COMMUNITY SOLAR SITE



Capacity: 230 kW

LMI Households served: 66

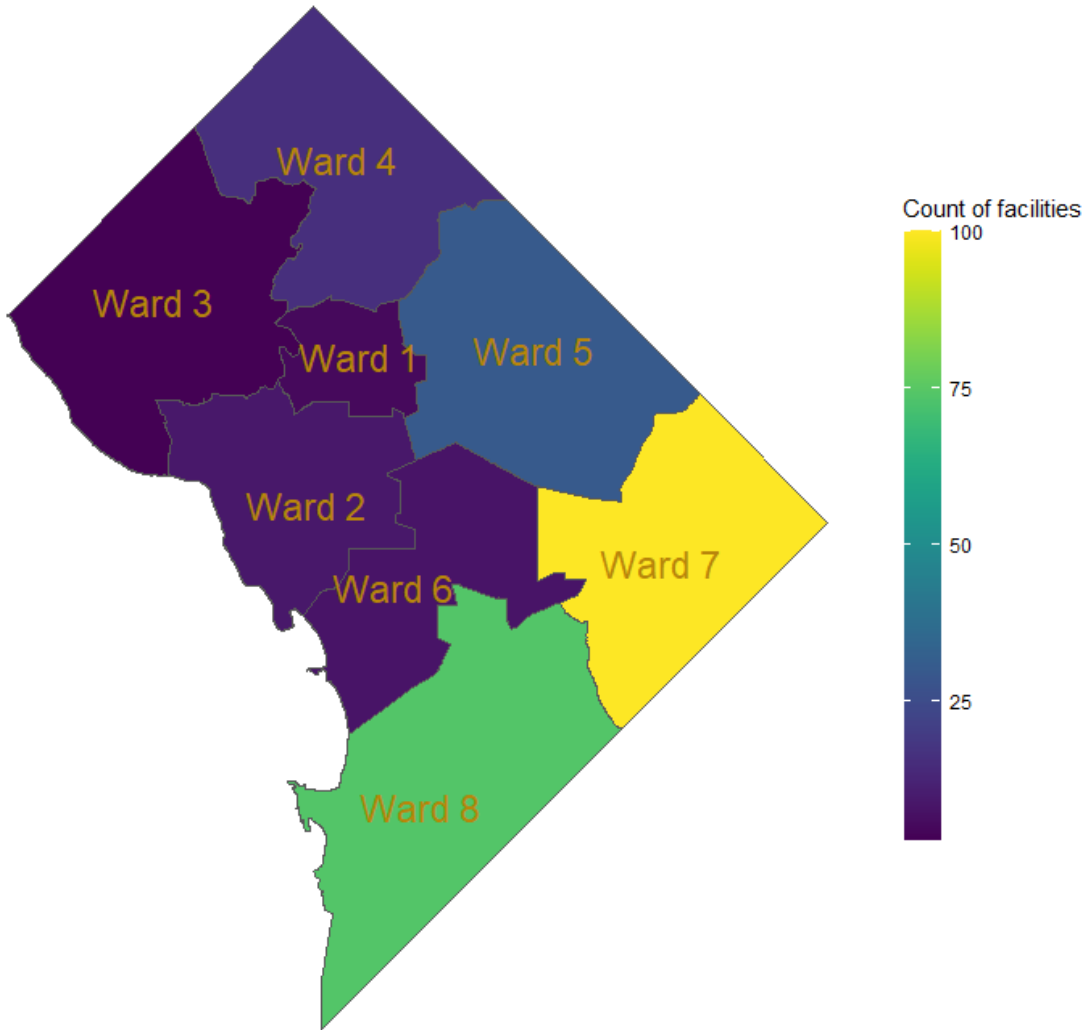
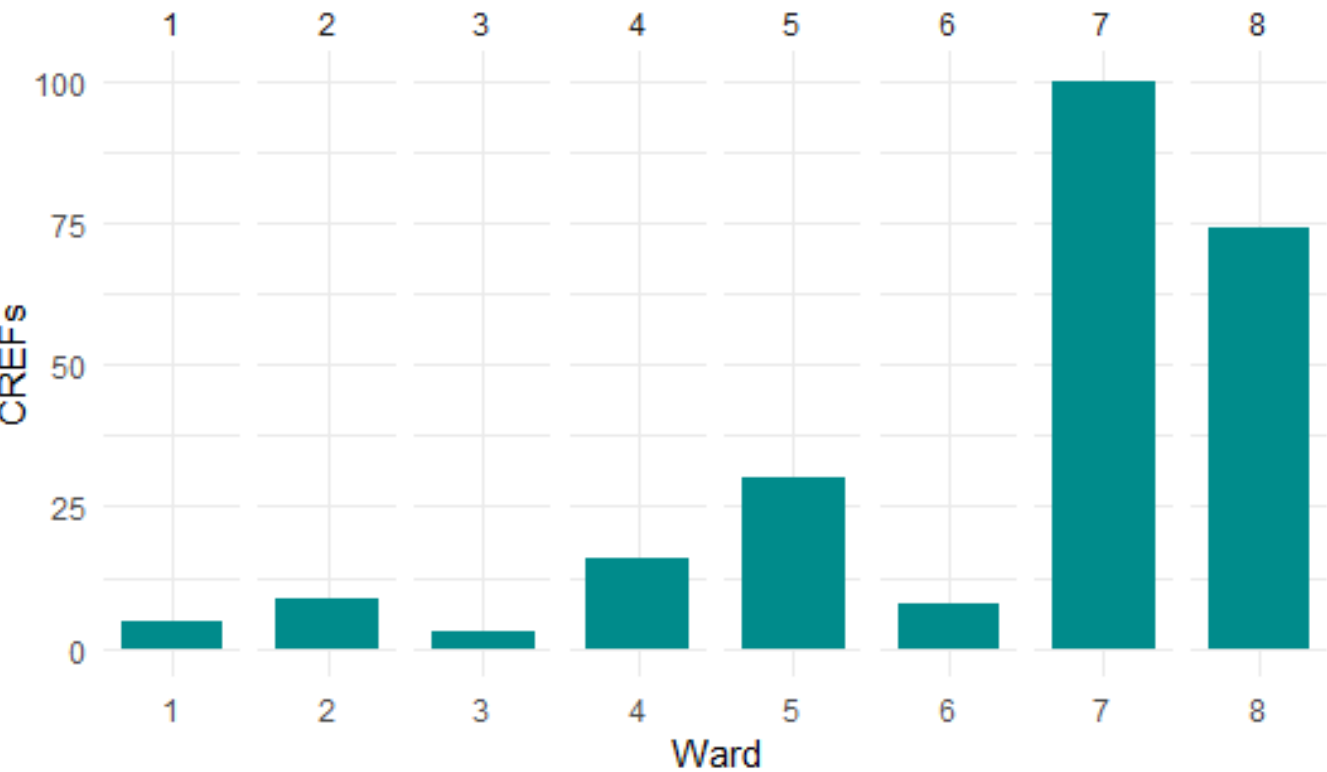
Approx \$500/yr per household in electricity bill savings

More details: [Case Study](#)

DC COMMUNITY SOLAR FACILITIES

Solar for All CREFs (2023)

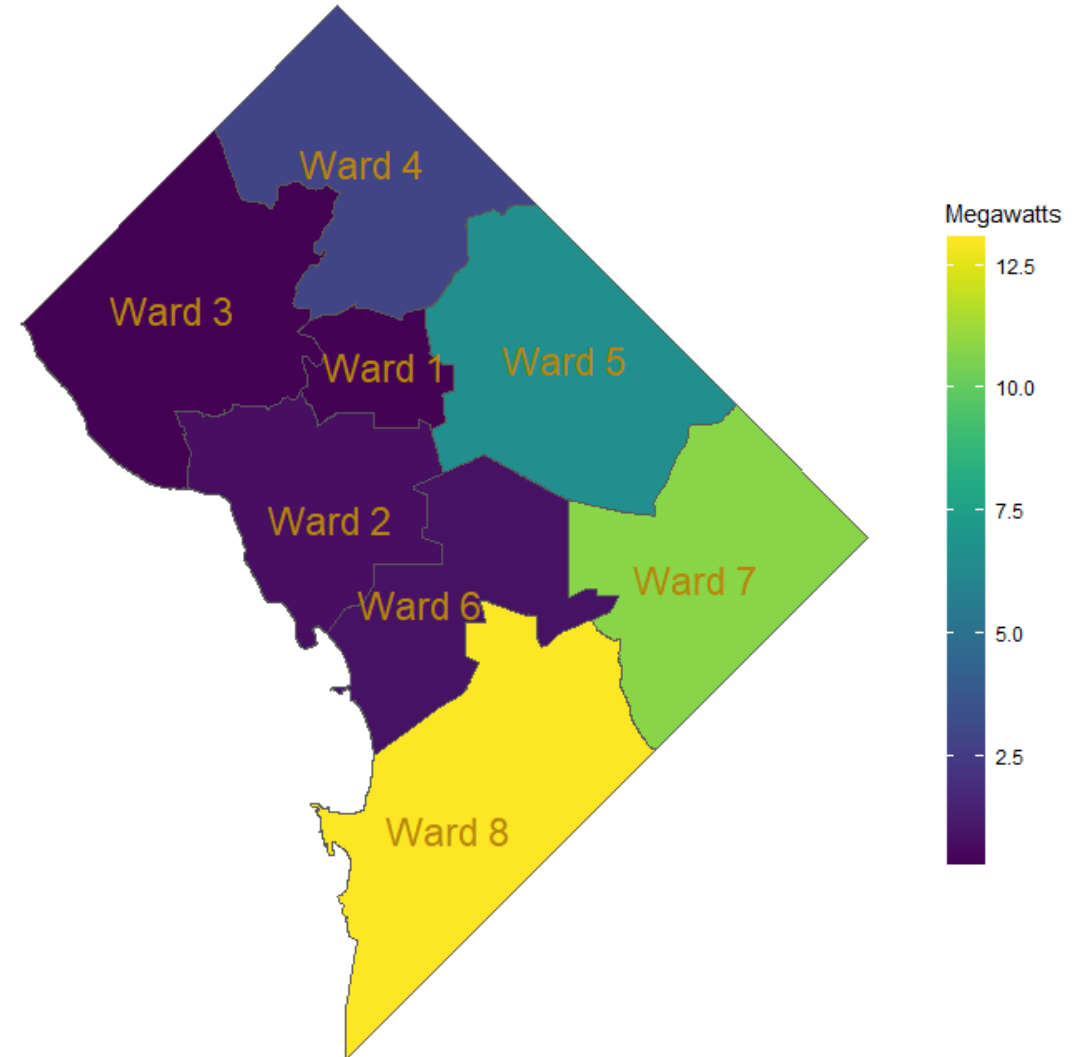
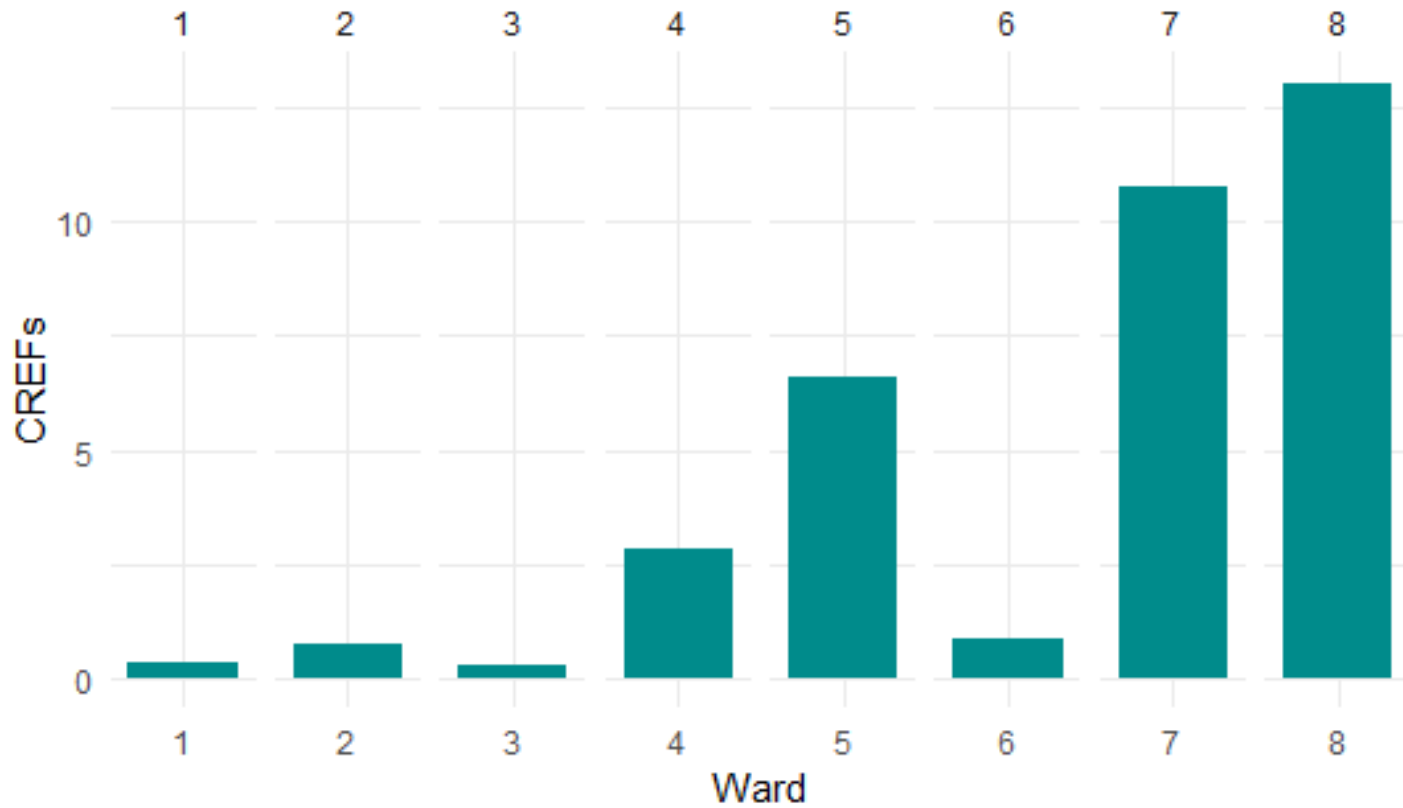
Solar for All CREFs (2023)



DC COMMUNITY SOLAR SITE

Solar for All CREF capacity (MW, 2023)

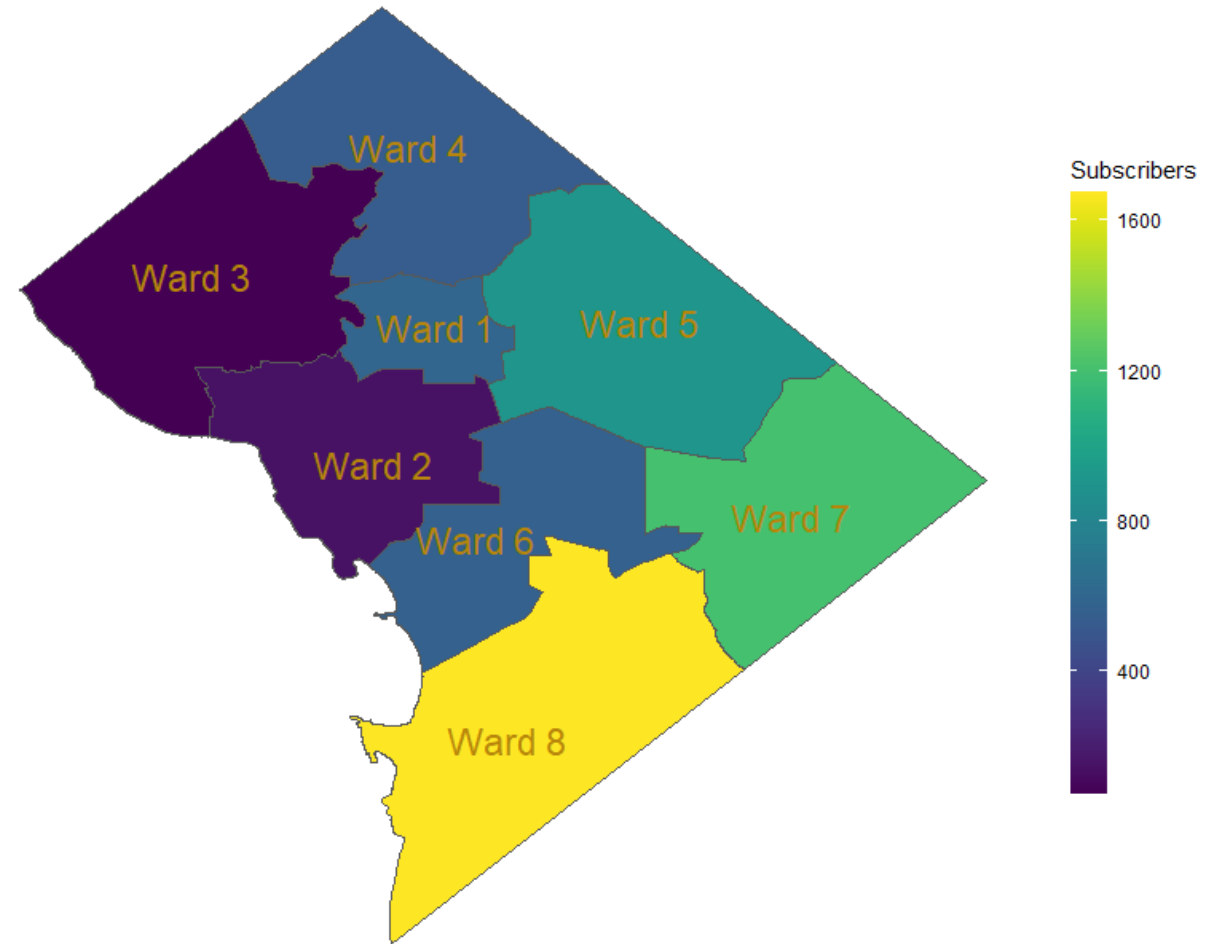
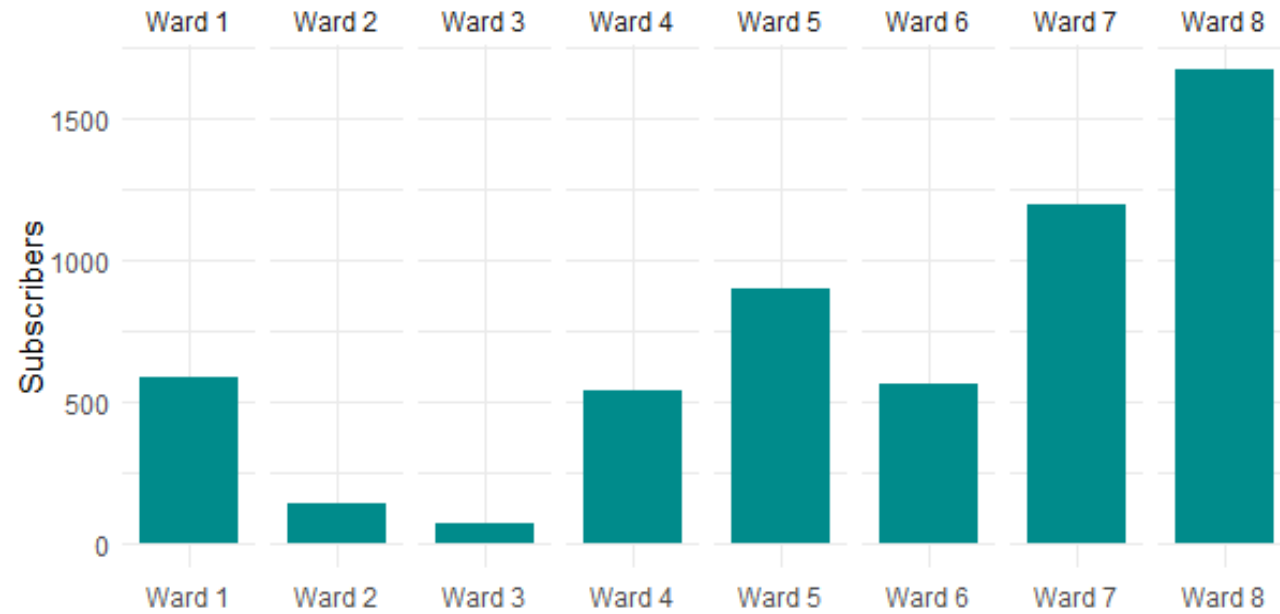
Solar for All CREFs (2023)



DC COMMUNITY SOLAR SITE

Solar for All Subscribers (2023)

Solar for All Subscribers (2023)



BENEFITS OF COORDINATION

- Lowering electricity bills and reducing energy burden
- Building trust for Community Solar program
- Access to benefit approximately 20,000 income eligible households
- Reducing customer acquisition cost and creating a more efficient process for subscriber enrollment
- Increasing coordination with other social service programs (i.e TANF, SNAP, SSI, Housing Programs)

COMMUNITY SOLAR CHALLENGES

- Policy coordination and education across stakeholder groups
- Site acquisition
- Project financing
- Outreach, engagement, & education
- Subscriber management

THANK YOU

DEPARTMENT OF ENERGY



Continuing the learning

- For more information on the programs covered please click on the links below:

[LIHEAP](#)

[Utility Discount Programs](#)

[Clean Rivers Impervious Area Charge Relief](#)

[Weatherization Assistance Program + Emergency Mechanical System Program](#)

[Solar for All](#)

[Lead Pipe Replacement Assistance Program](#)