Low-Income Energy Solutions

Krystal Laymon, Policy Advisor

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Strategic & Interagency Initiatives Team works on initiatives that provide underserved communities, like low and moderate income and rural communities, with technical assistance to help these communities gain access to more energy choices.
Clean Energy for Low Income Communities Accelerator (CELICA)

Year 2 continued...

37 partners (14 state, 12 local, 11 community action agencies/non-profits/utilities)

May 2016 – Aug 2018
DOE Low Income Resources Available Now

Low-income Energy Affordability Data (LEAD) tool

Energy Efficiency Financing for Low-income Communities

CELICA Program Funding Catalog

Low-income Energy Baseline Assessment Guide
CELICA’s Peer Exchange Groups

Identify CELICA Partner Barriers and Interests

- Weatherization and Renewables
- Finance Mechanisms
- Health and Safety
- Engagement Strategies
- Metrics and Indicators
- Community Solar
Coming Soon!

Low Income Energy Online Toolkit
PV adoption trending towards more moderate-income households

**2000-2010:** PV adoption becomes increasingly skewed toward higher income households

**Since 2010:** Share of adopters from more-moderate incomes steadily increasing
Traditional Rooftop Solar is Limiting

49%

of American households and businesses cannot host solar

- Bad Roof
  - Structural constraints
  - Insufficient roof space
  - Improper roof orientation
  - Shading
- No Control of Rooftop
  - Renters
  - Condos
- Left out of solar market
  - Low credit scores
  - Can’t make long-term commitment

Source: NREL Study, 2015
energy.gov/sunshot
Low Income Solar Research and Tools

- Alternatives to the credit score

- Clean Energy States Alliance
  - Customer protection for community solar
  - Low income solar + storage financing

- Solar in your Community Challenge resources page: [www.solarinyourcommunity.org/resources](http://www.solarinyourcommunity.org/resources)
  - Solar Curriculum
  - Community Solar Project Development
  - Customer Acquisition And Program Design
  - Financing Solar
  - Site Selection, Permitting & Interconnection
  - Project Design & Installation
  - LMI Participation
  - Understanding Solar Policy
  - Tools And Research
Interagency Collaborative on Energy Solutions for Low-Income Communities

To promote collaboration between federal agencies on energy initiatives for low and moderate income communities:

- United States Environmental Protection Agency
- United States Department of Agriculture
- United States Department of Energy
- United States Department of Health and Human Services
- United States Department of Housing and Urban Development
- United States Department of Transportation, Federal Highway Administration
- United States Department of the Treasury
- The Federal National Mortgage Association
Weatherization Assistance Program

WAP’s purpose is to develop and implement a weatherization assistance program to increase the energy efficiency of dwellings owned or occupied by low-income persons, reduce their total residential energy expenditures, and improve their health and safety, especially low-income persons who are particularly vulnerable such as the elderly, the handicapped, and children.
2018 Better Building Summit!

SAVE THE DATE!

betterbuildingsolutioncenter.energy.gov/summit
Questions?

Krystal Laymon
Office of Energy Efficiency & Renewable Energy
U.S. Department of Energy
Krystal.Laymon@ee.doe.gov