



Energy Futures: Resources

LMI Community Solar Success

LIFT Solar Tools

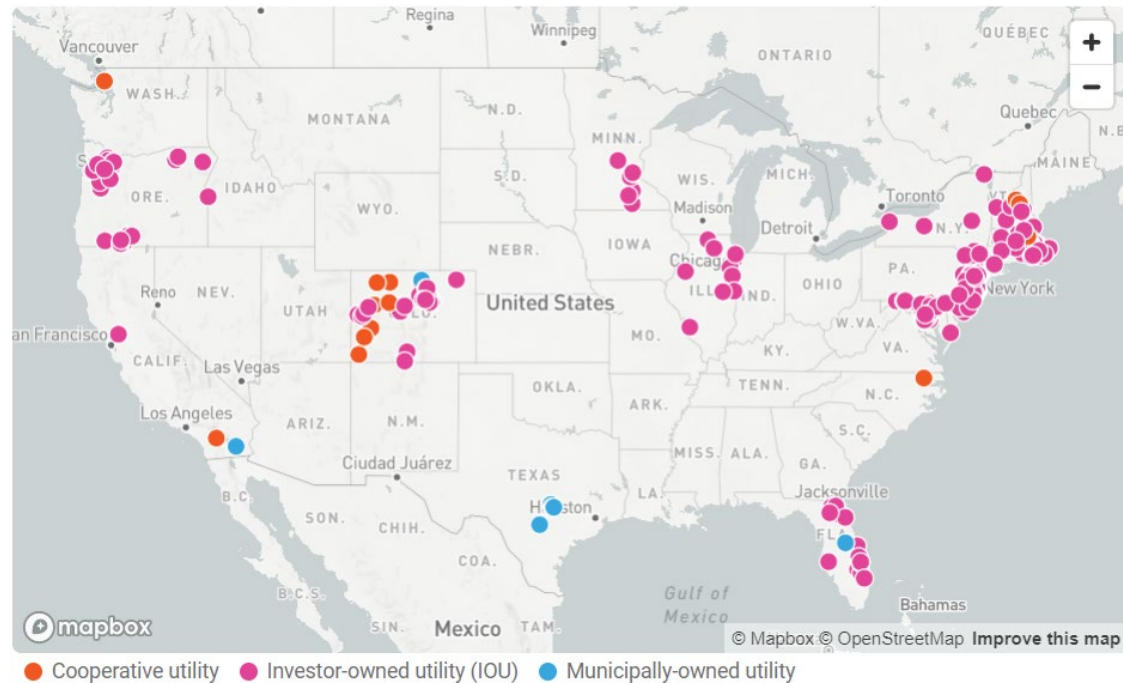
Groundswell – ASES Annual Conference

August

LIFT Toolkit Overview – Explore Function

How to *Explore* the Dataset – 1) Map / GIS; 2) Sortable summary table; 3) Filter by drivers list

Utility Type (i)	State (i)
All ▼	All ▼
Bill Credit Value (i)	System Size (i)
All ▼	All ▼
Enabling Legislation (i)	LMI Customer Savings (i)
All ▼	All ▼
Tax Benefits (i)	RECs and Incentives (i)
All ▼	All ▼



Link to Site Page: <https://lift.groundswell.org/solar-projects/>

LIFT Toolkit Overview – Design Function

Fetch Best Practices returns curated outputs based on your selections:

- Similar Projects
- Case Studies
- Best Practices
- Resources

Yellow filters pre-filled based on State you select

Where is your project located?

State

CONTINUE

State	Virginia	
Utility Type	--	System Size
Bill Credit Value	--	LMI Customer Savings
Enabling Legislation	No enabling legislation, but projects exist	RECs and Incentives
Are you a taxable entity?	--	Energy Rate
Regulatory Structure	Deregulated	Installation Type
<p>FETCH BEST PRACTICES</p>		<p>CLEAR ALL</p>

LIFT Toolkit Overview – Learn Function

Publications and Resources to Learn more about LMI community solar

- LIFT Resources – generated through 3y research project
- External Resources – categorized by topic
- Glossary of terms used across LIFT Toolkit

LIFT Resources

10 LIFT Research Reports

23 LIFT Case Studies

14 Finance Best Practices

External Resources

Advancing Equity (7)

Basics of LMI Community Solar (5)

Community and Consumer Resources (6)

Design and Financing Models (9)

National Level Datasets (4)

Policy and Market Transformation (7)

Glossary

74 Terms and Definitions

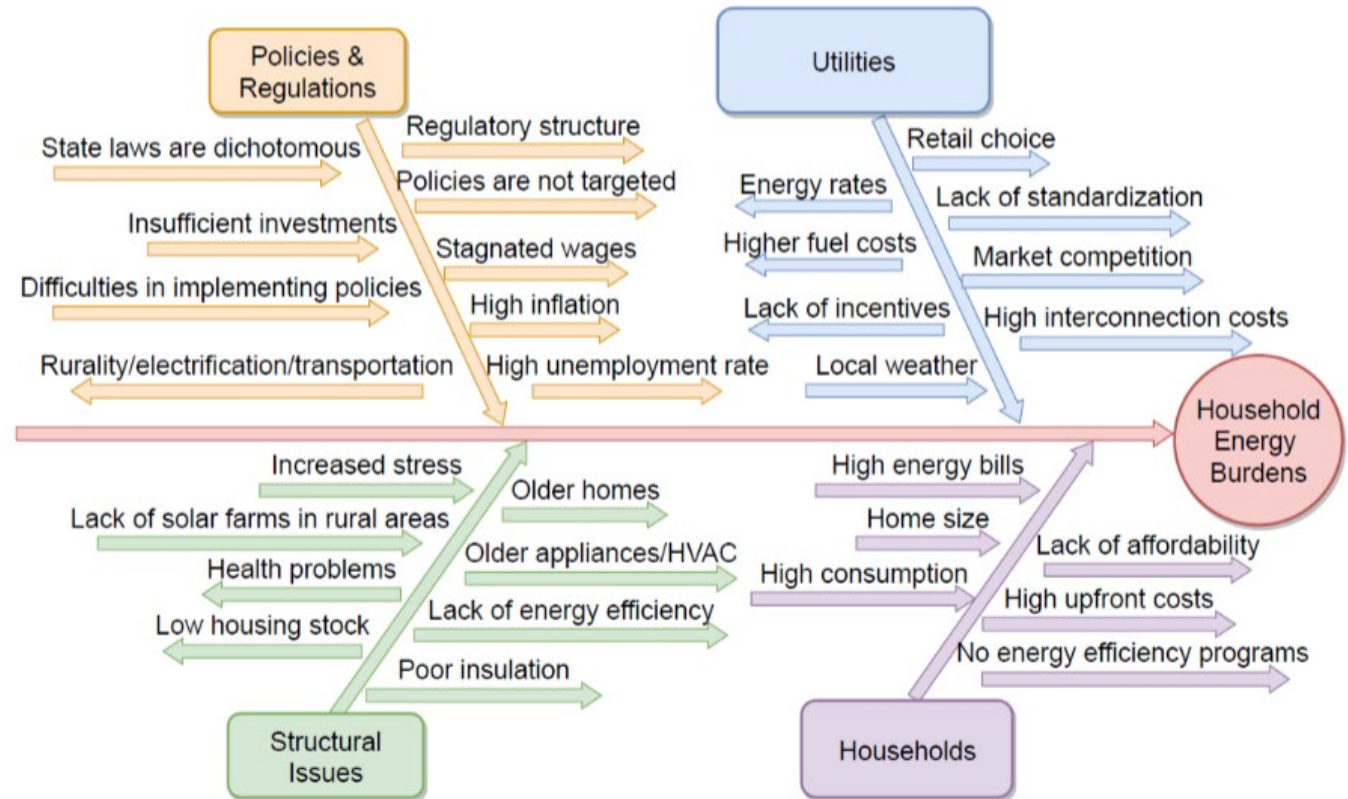
LIFT Solar Research Hypothesis & Focus Areas

The Accelerating Low-Income Financing and Transactions (LIFT) for Solar Access Everywhere Project

3-Year DOE Research Project: what specific mechanisms enable equitable solar program access and customer experiences?

Research on 453 LMI community solar projects in U.S., to:

- Promote inclusive solar access
- Recommend improvements in policy & legislation targeting LMI inclusion



LIFT Solar Overview – Database

Database basics

- Definition of “Low-to-Moderate Income Community Solar”
- 453 LMI CS projects in 18 states
- Data collection overview
- Example of Project Page:

STATE:	Colorado	INSTALLATION TYPE:	Ground
UTILITY TYPE:	Cooperative utility	YEAR ENERGIZED:	2022
REGULATORY STRUCTURE:	Regulated	PROJECT CAPACITY:	154 KW AC
COMMUNITY SOLAR BILL CREDIT VALUE:	Supply-only/Avoided Cost	LMI SHARE OF CAPACITY:	100%
COMMUNITY SOLAR ENABLING LEGISLATION:	Yes	LMI REQUIREMENT:	Income eligible only
VALUE OF STATE LEVEL RECS & SUBSIDIES:	Moderate = 10% to 25% of value stack	ENERGY RATE AVERAGE:	\$0.12
ELIGIBLE FOR TAX BENEFITS:	No	LMI CUSTOMER SAVINGS:	50%
		MINIMUM LMI SAVINGS MANDATED:	No
		POTENTIAL # LMI SUBSCRIBERS:	62

Link to Site Page: <https://lift.groundswell.org/colorado-energy-office-licsg-pilot/rays-up-community-solar-project/>

Primary LIFT Research Recommendations

1. Explicit and functional **energy efficiency and bill savings mechanisms** that provide tangible reductions in energy burdens and lower energy costs
2. Necessity of **new deployment tools** like the LIFT Toolkit to 1) highlight optimal equitable energy programs and 2) provide design recommendations to rapidly scale such programs.
 - Optimal programs:
 - Offer the greatest impact on reduction of energy burdens
 - Provide tangible savings to LMI households
3. **Legislation on clean energy programs must be targeted** because [Black, Indigenous, and People of Color] BIPOC, tribal and other low-income communities continue to experience disparate access to residential energy-saving programs and other energy efficiency upgrades

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