



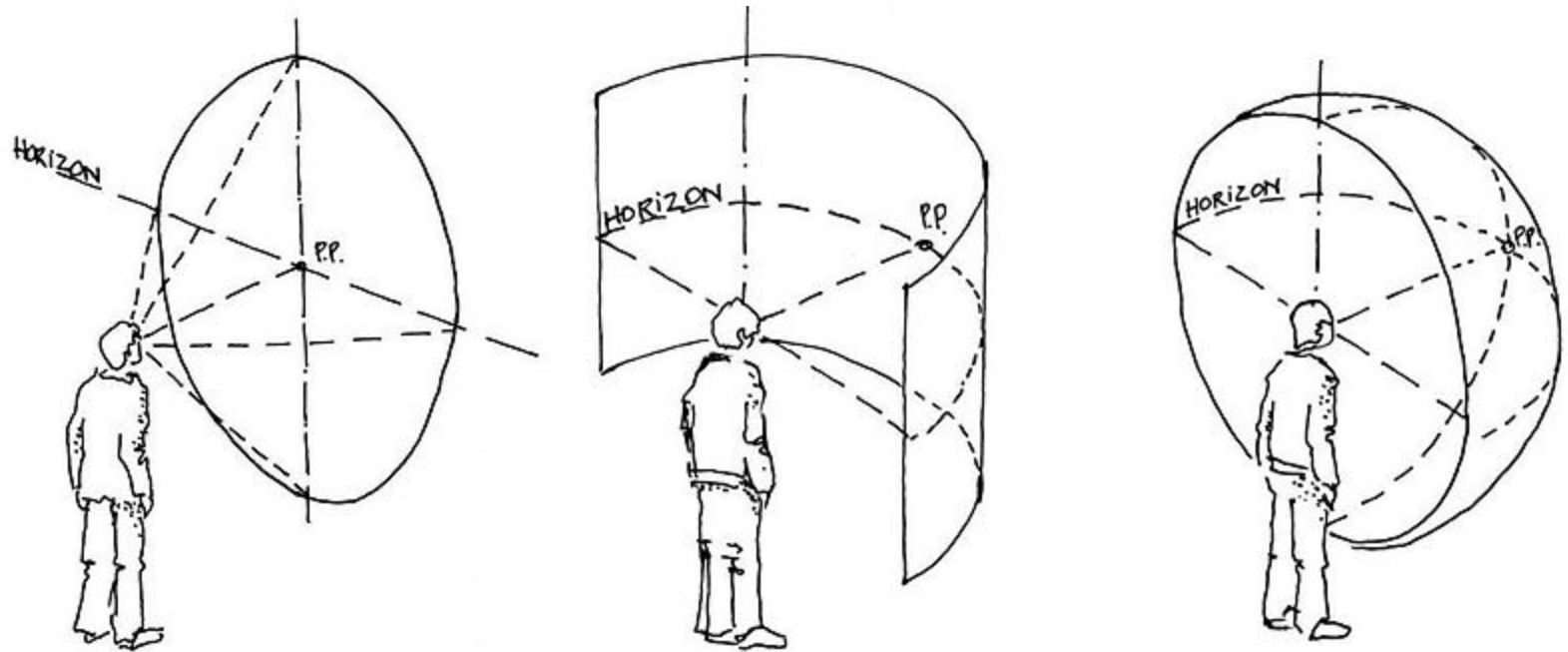
Bill Freeman, Director
Maryland Office of Home Energy Programs

NEUAC Annual Conference

June 27, 2017

The Office of Home Energy Programs (OHEP) provides bill assistance to low-income households in the State of Maryland to make their energy costs more affordable and to help with the prevention of loss and the restoration of home energy service.

3 jobs = 3 Perspectives





And still no great insights!

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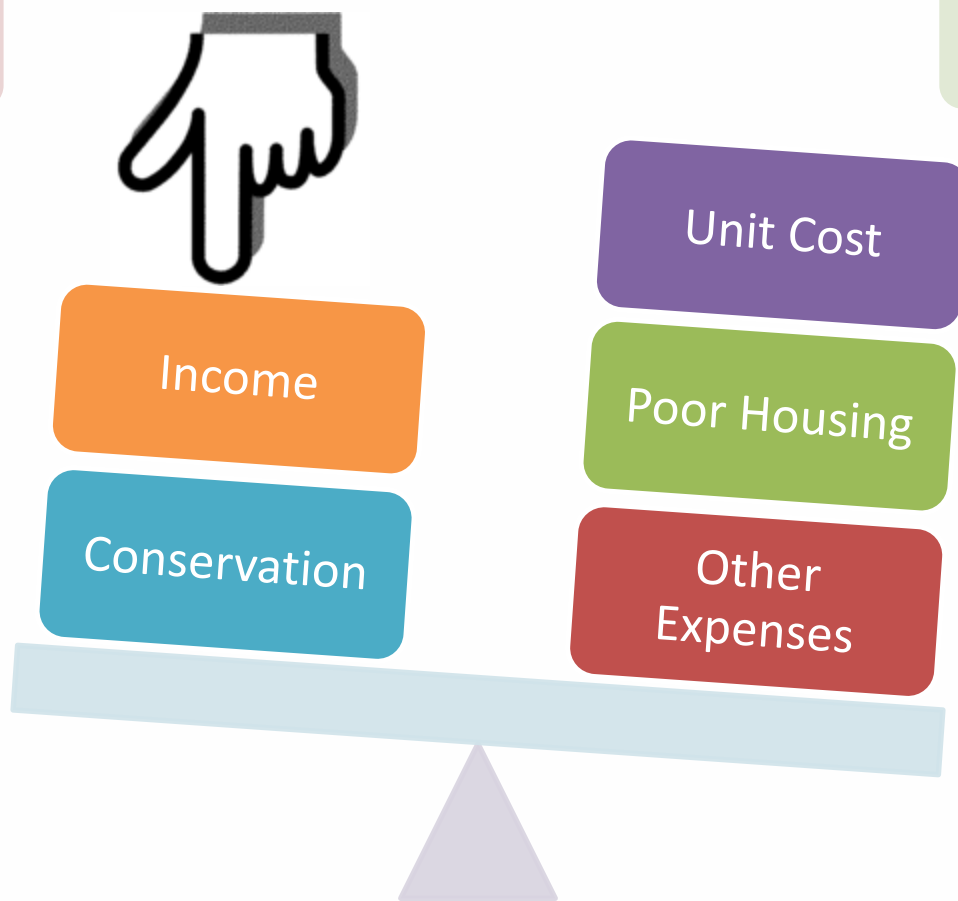


Wrestling with affordability...

- “We make energy affordable!”
- “We pay for the energy that is not affordable!”

Affordable

Unaffordable

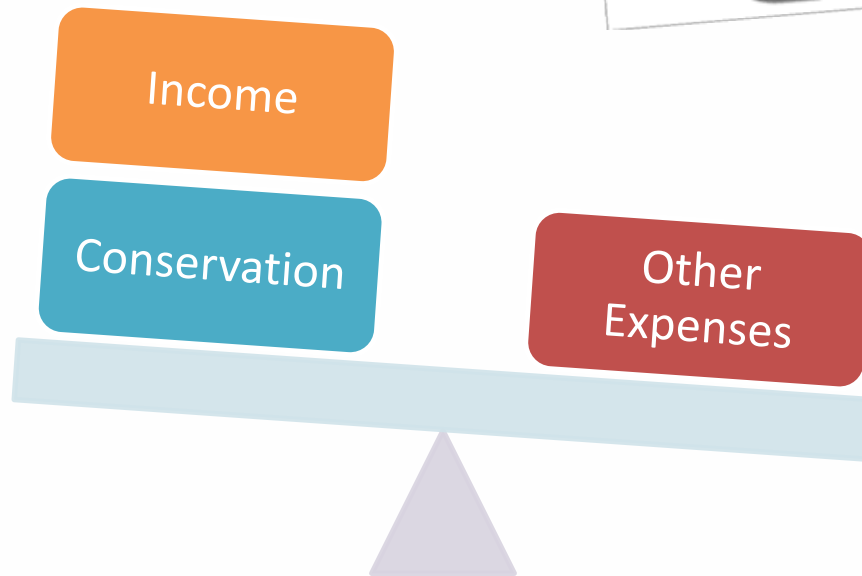


Affordable

Poor Housing
Unit Cost

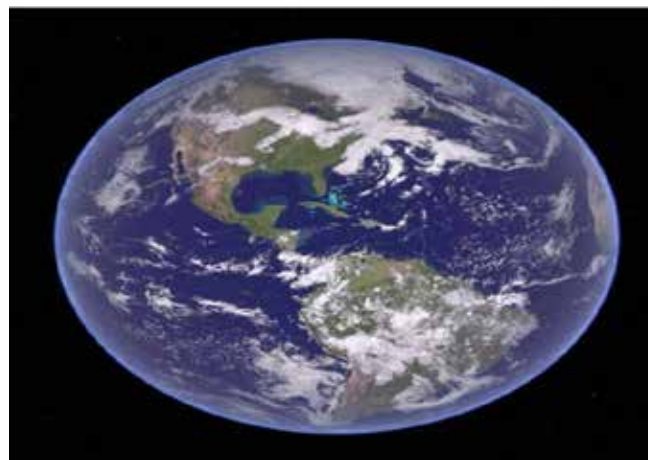


Unaffordable

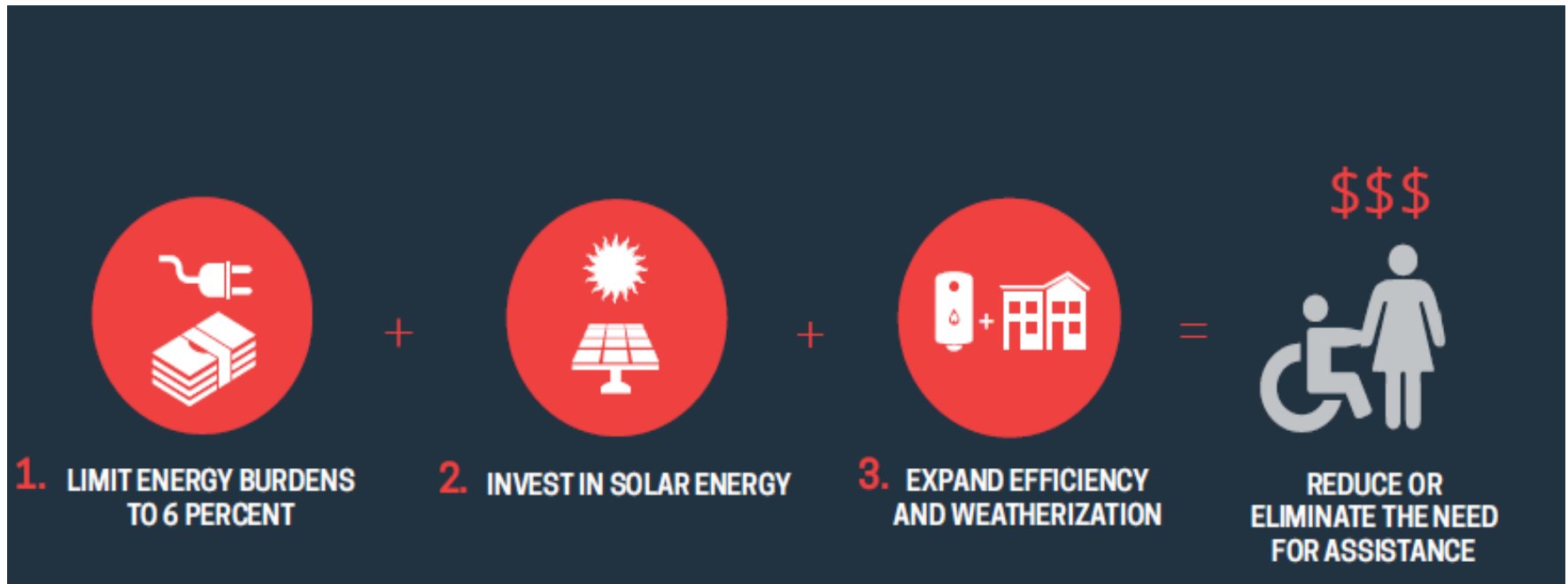


Not to mention...

- Equity
- Environment



Energy Justice in Maryland's Residential and Renewable Energy Sectors



Arjun Makhijani, IEER.ORG

	AEP no solar (2017)		AEP with solar (2017)		AEP with solar (2031)	
Total 2013 assistance costs	\$	121,000,000	\$	121,000,000	\$	121,000,000
Total AEP costs	\$	150,000,000	\$	149,000,000	\$	122,000,000
Added AEP costs over present program	\$	29,000,000	\$	121,000,000	\$	1,000,000
Non-energy benefits	\$	32,000,000	\$	35,000,000	\$	71,000,000
Net costs (negative (in red) = cost savings)	\$	(3,000,000)	\$	(7,000,000)	\$	(70,000,000)

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	AEP no solar (2017)	AEP with solar (2017)	AEP with solar (2031)
Total 2013 assistance costs	\$ 121,000,000	\$ 121,000,000	\$ 121,000,000
Total AEP costs	\$ 363,000,000	\$ 323,000,000	\$ 297,660,000
Added AEP costs over present program	\$ 242,000,000	\$ 202,000,000	\$ 176,660,000
Non-energy benefits	\$ -	\$ -	\$ -



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Direct to the people...



Mid-Atlantic Impact Map



Systems Installed

110



kW Installed

458



Lifetime Savings

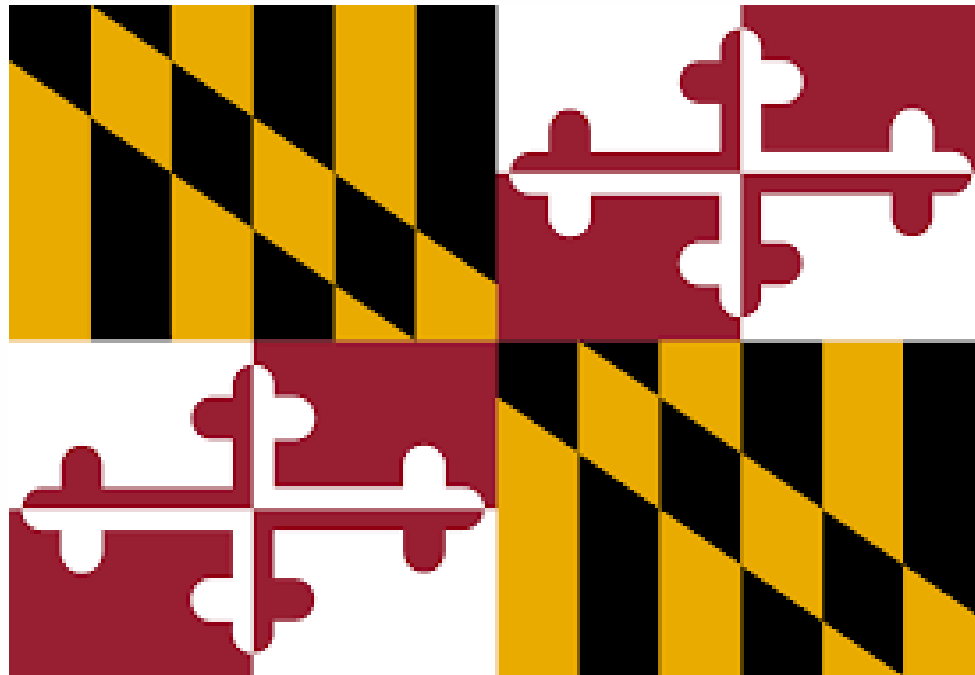
\$2,440,906

Tons of Greenhouse Gas

Regional Greenhouse Gas Initiative

- First mandatory market-based program in the United States to reduce greenhouse gas emissions. RGGI is a cooperative effort among several NE states to cap and reduce CO₂ emissions from the power sector.
- At least 50% to energy assistance in Maryland.





Community Solar in Maryland

- “Facilitate market entry for all potential subscribers while giving priority to subscribers who are the most sensitive to market barriers.”



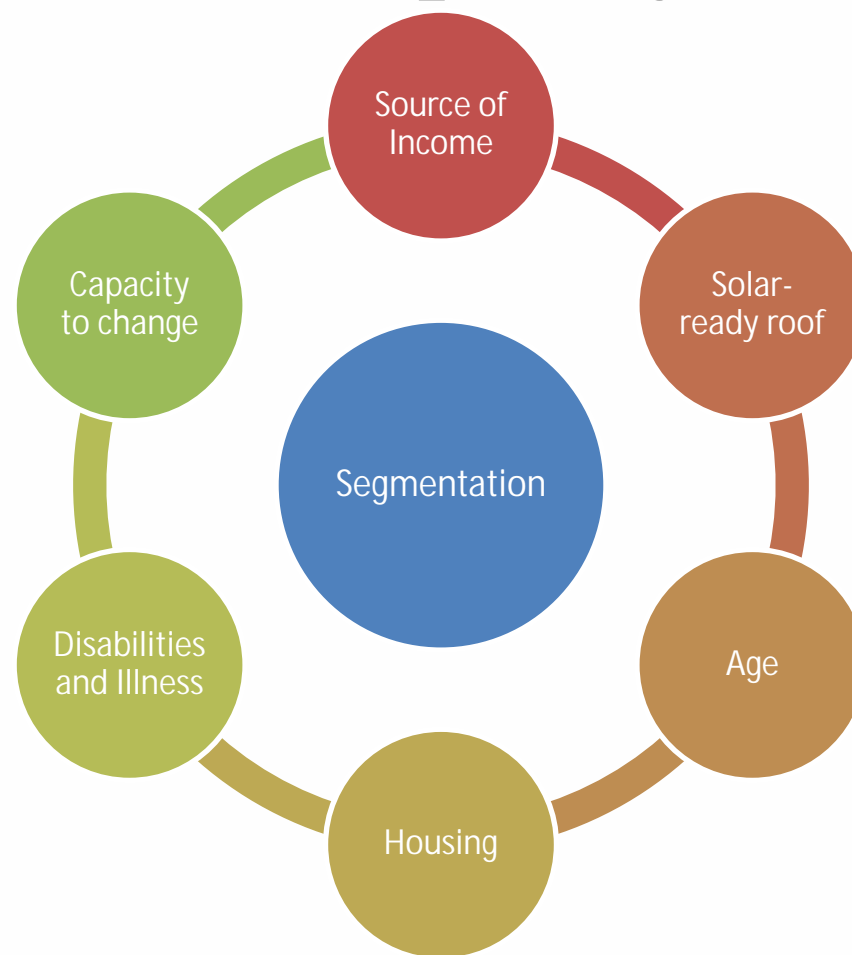
	Total home energy expenses after energy assistance	Annual savings resulting from participation in Community Solar (% and \$)	
Baseline- Home energy expenses after energy assistance; Household not participating in the community solar pilot	\$880	NA	NA
Option 1- Subscribing to amount of energy usage remaining after application of energy assistance	\$799	9.20%	\$81
Option 2- Subscription at 100% annual usage + energy assistance grants applied to community solar subscription	\$668	24%	\$211
Option 3- Subscription at 100% annual usage + consolidated billing	\$688	24%	\$211

Myriam Tourneaux, Fuel Fund of Maryland



STEP

Segmentation: Preparing for the future



Thank you!

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