



# KEEA Conference

October 7, 2015

Steve Cowell, Executive Director



## **ENERGY**

Promoting clean, efficient, safe solutions

## **ECONOMY**

Growing a prosperous, low-carbon economy into the 22nd century

## **EQUITY**

Empowering all Americans to run their homes with clean, efficient, affordable energy

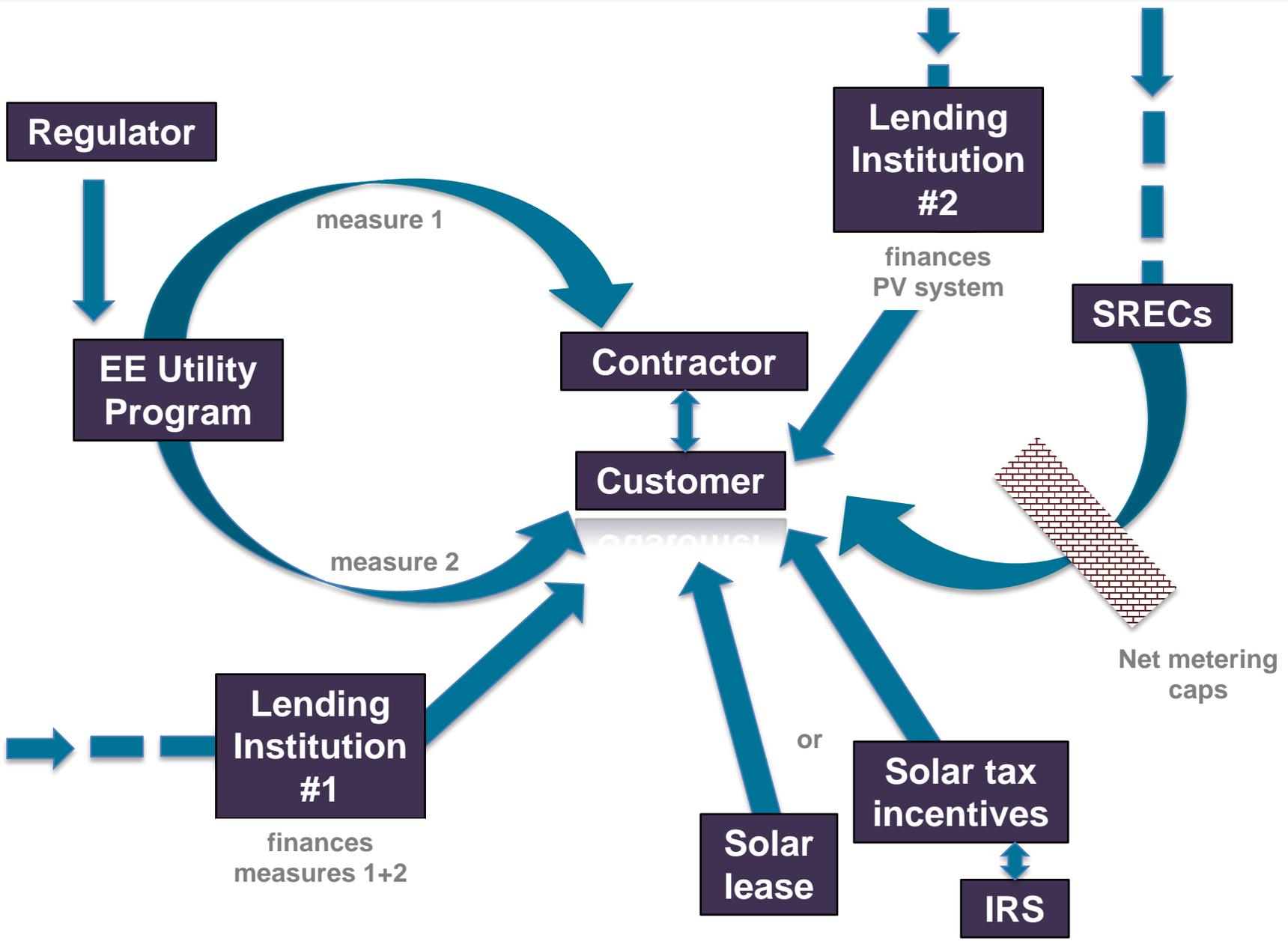
## **ENVIRONMENT**

Restoring healthy air, water and land



# Overview

- Energy efficiency in Pennsylvania- you are not alone!
- New entrants' challenges & opportunities:
  - Home Performance Contractors - growing
  - Solar Leasing - breaking barriers
  - New Technologies - connected home
  - Independent Market Providers
  - Current and future utility model



# Challenges discussed today

- CPP: how will Pennsylvania respond?
  - need tools to include EE/DG
  - EM&V; Registry; tradeable allowances; Clean Energy Incentive Program innovation
- Technology: incorporate quickly, yet responsibly
- Utility of the future: microgrids; AMI; DG/Solar; Rate design; finding win-win solution- almost 9,000 DG installations now and growing!

# Taking on the challenges

- Unique building types and the path to efficiency: schools, hospitals, groceries...
- NY REV: *Tell it like it is*. Need to shift focus to what works
- Large Users: Opt for better, not opt out!
- Turn challenges into opportunities: Act 129 looking to the future.

# Example: EE and Solar

- Renewable and efficiency programs/incentives via different agencies +/- structures
- Technologies require skills and distribution channels- contractors may not know both
- Utility-solar/DG economic challenge: need win-win solution
- **A solution will:** use good cost/benefit analysis; identify the utility role to facilitate; structure fair and adaptive rate design; insure fair and open market structures; combined and collaborative accounting

# Q&A / Discussion



## Bringing clean, efficient energy home for every American

E4TheFuture is a nonprofit working to advance clean, efficient energy solutions for residential customers. Our endowment and senior staff come from CSG, a leading energy efficiency services firm with operations in 26 states, whose operating programs were recently acquired by CLEARResult.

[WWW.E4THEFUTURE.ORG](http://WWW.E4THEFUTURE.ORG) OR [INFO@E4THEFUTURE.ORG](mailto:INFO@E4THEFUTURE.ORG)

[WWW.E4THEFUTURE.ORG](http://WWW.E4THEFUTURE.ORG) OR [INFO@E4THEFUTURE.ORG](mailto:INFO@E4THEFUTURE.ORG)

states, whose operating programs were recently acquired by CLEARResult.