



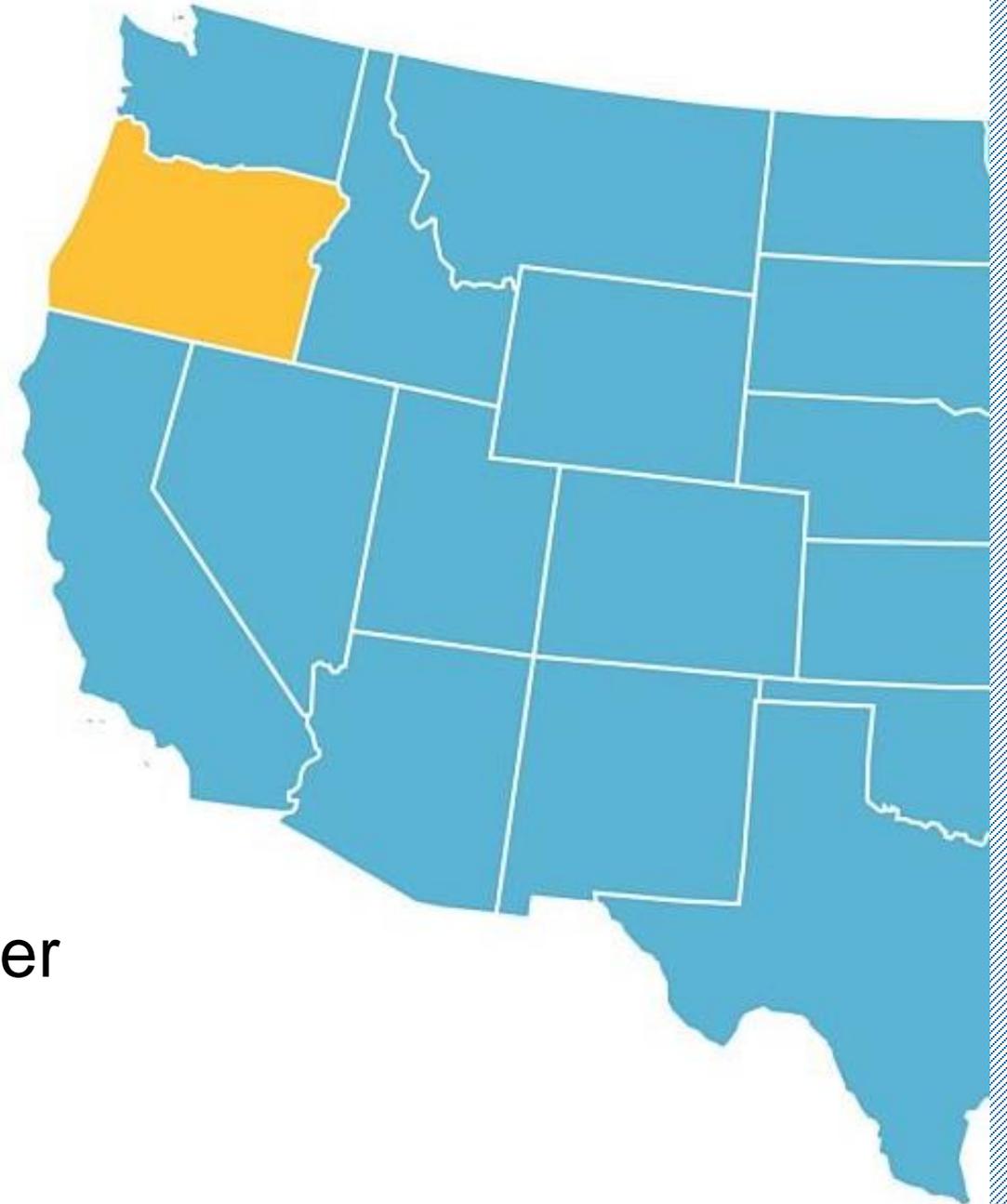
# Clean, Affordable Energy for Everyone

Michael Colgrove, Energy Trust of Oregon



# Oregon

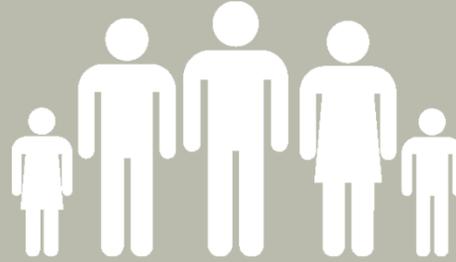
- 4.2 million residents
- One major urban center
- Vast rural and unpopulated areas
- Diverse geography
- 9 federally recognized Native American Tribes
- Independent spirit
  
- Wildfire, drought, excessive heat, winter storm events increasing







**Independent  
Nonprofit**



**Serving 2.4 million customers  
of Oregon's electric and gas utilities**



**Providing access  
to affordable energy**

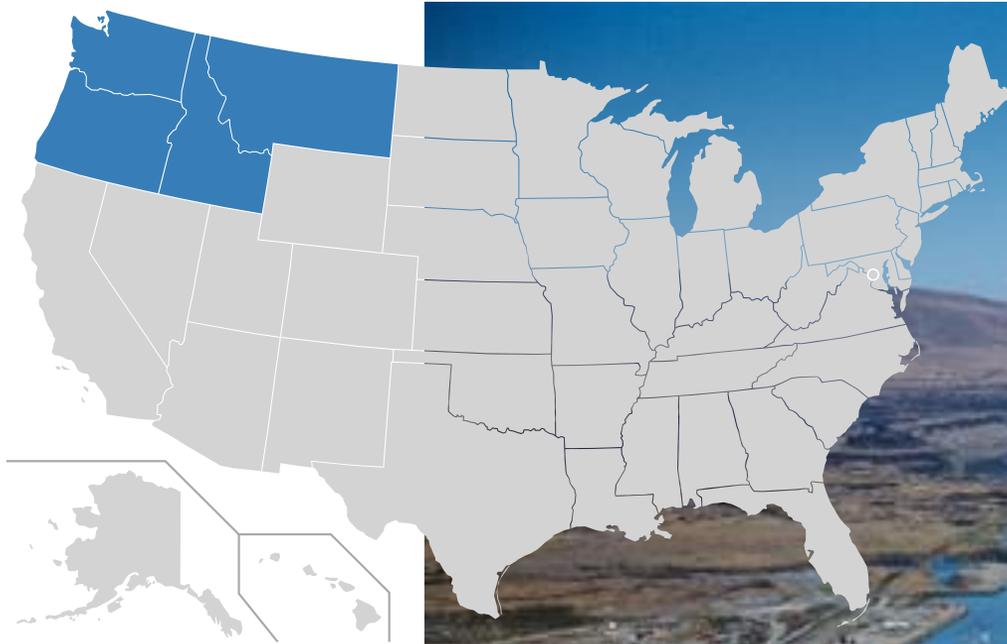


**Generating  
homegrown,  
renewable power**

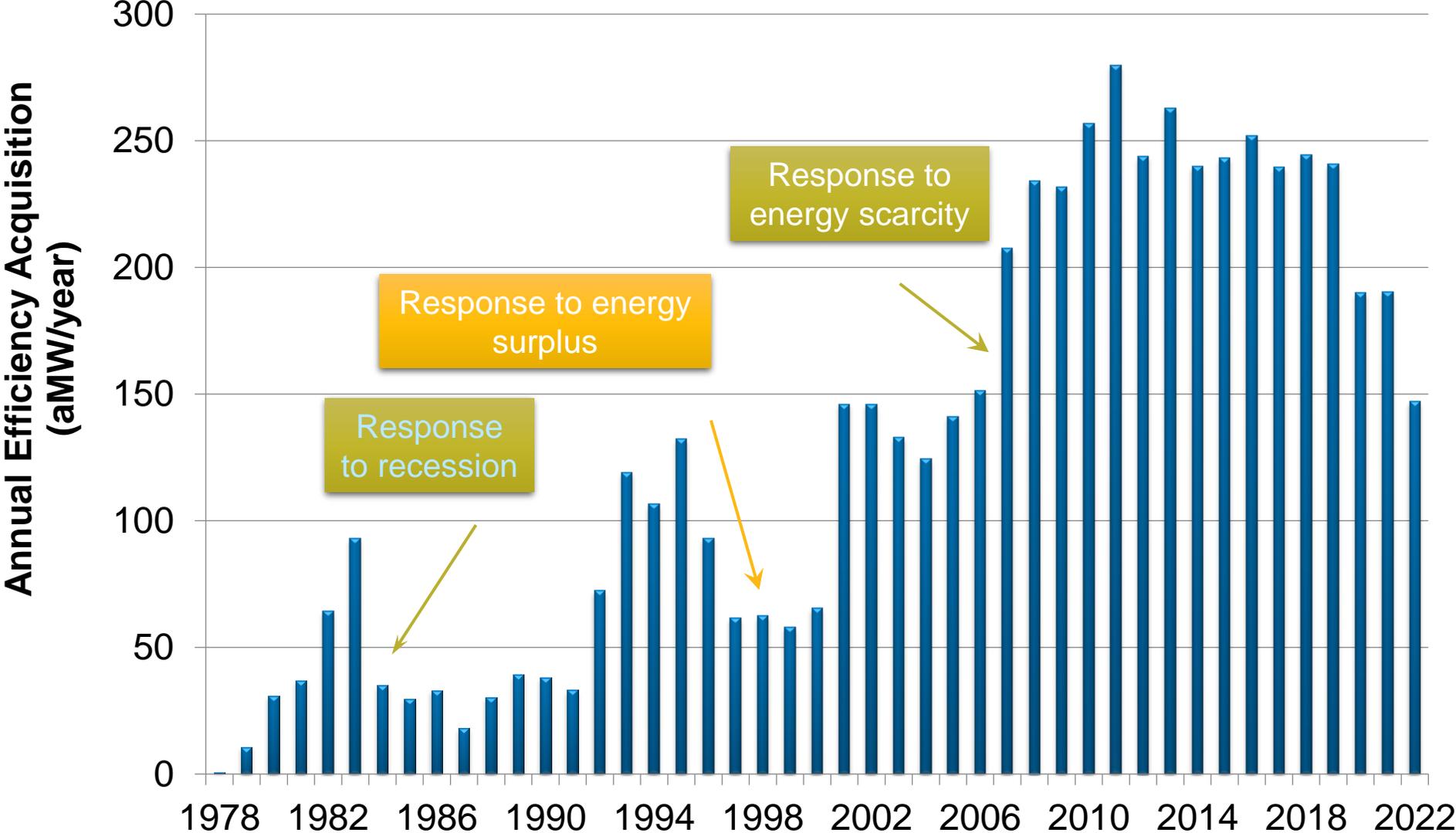


**Building a  
stronger Oregon**

# Oregon's Energy History



# Historical Investments in Energy Efficiency: A Wild Ride



# History of Energy Trust

Oregon established funding for nonprofit, a historical average previously spent by utilities

1999

2002

2003

Energy Trust launched first programs for customers of 2 electric utilities

Started serving natural gas customers

2006

Expanded service to 2nd natural gas utility

State expanded Energy Trust funding to secure all cost-effective energy efficiency identified in long-term utility plans

2007

Expanded service for gas customers in Southwest Washington

2009

Further expanded to 3rd gas utility

2017

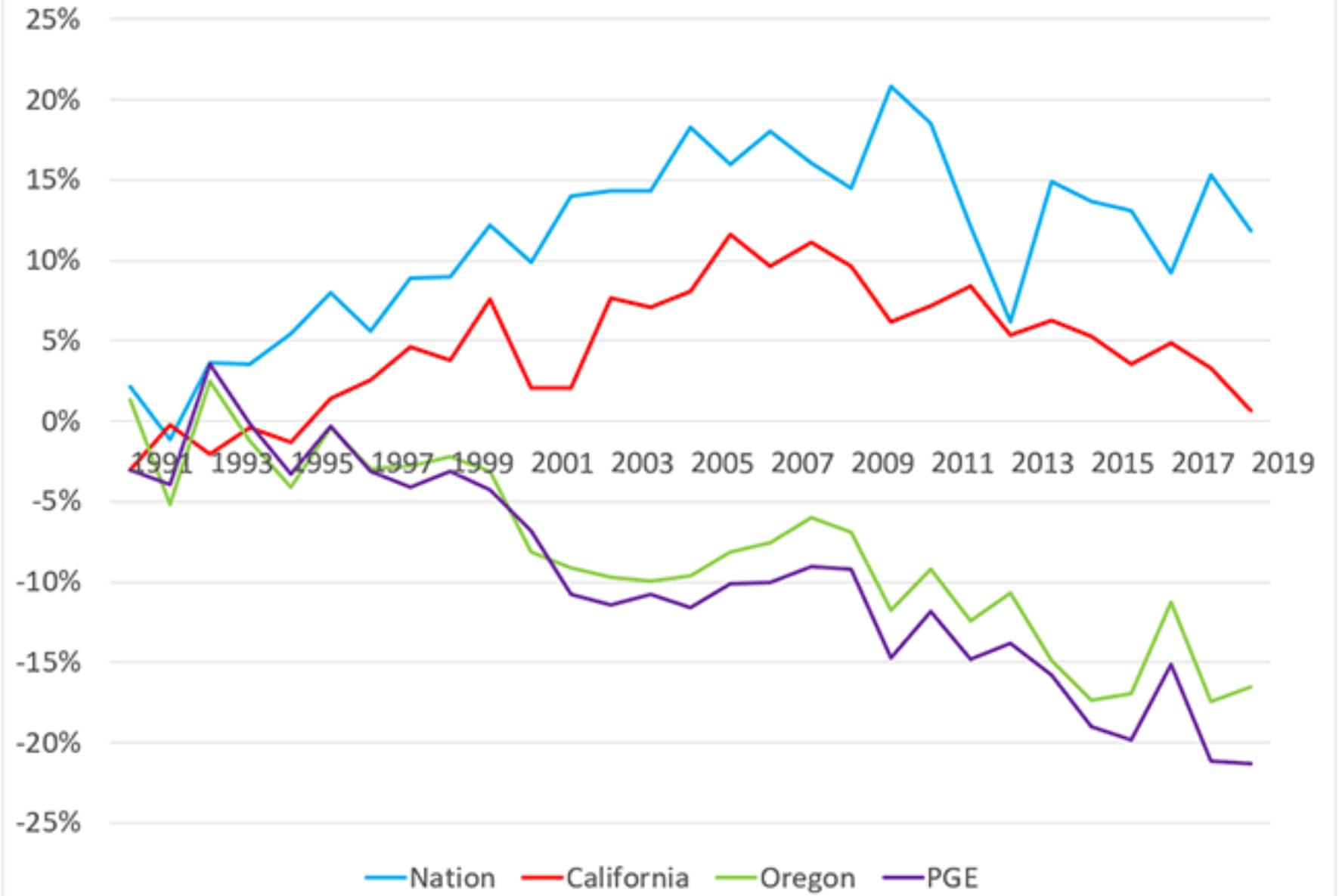
State updated the 1999 law establishing Energy Trust and added new emphasis on equity

2021

Additional contracts for with state and utilities for services

2023

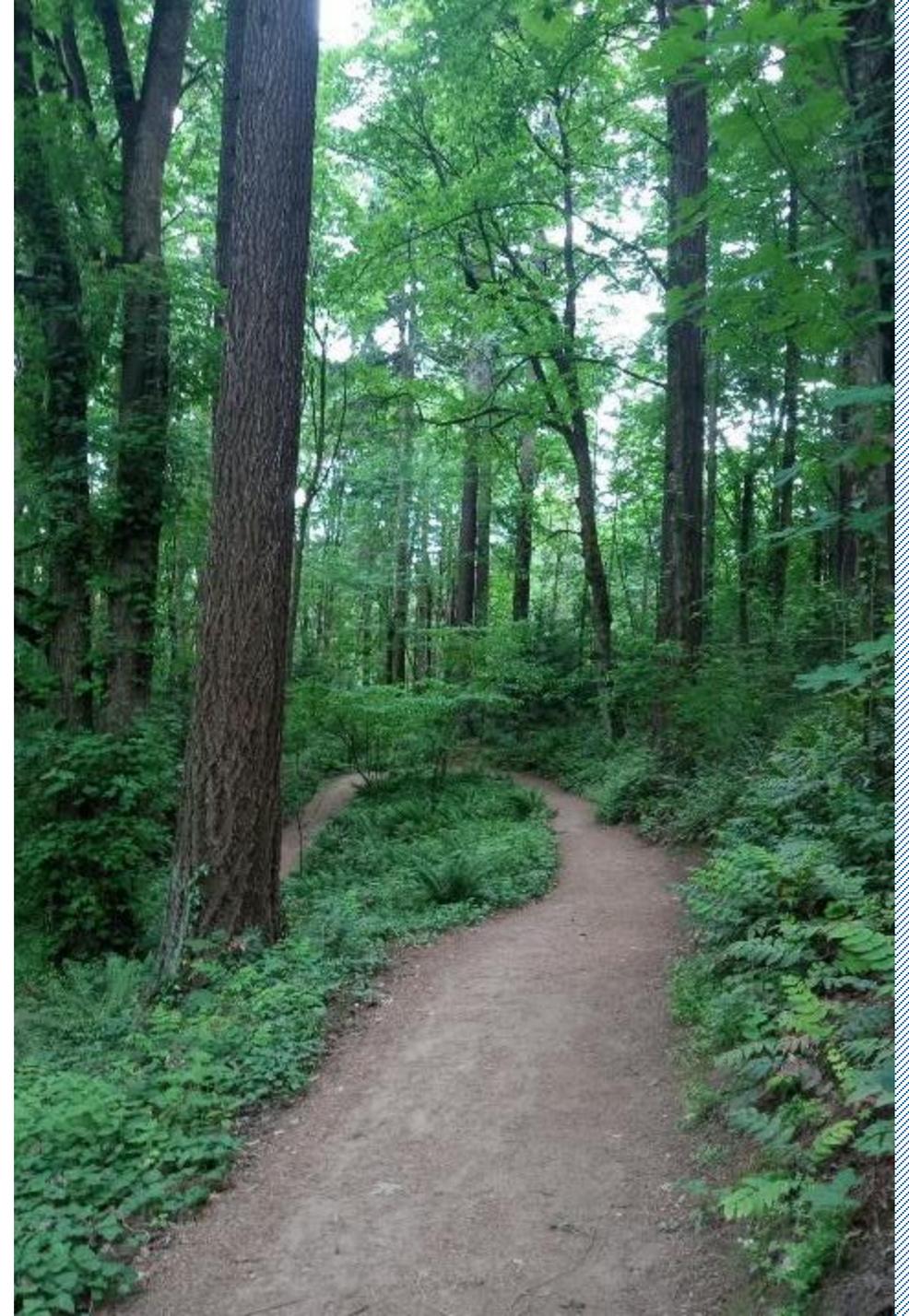
*Changes in Average Household Electric Usage Since 1990*



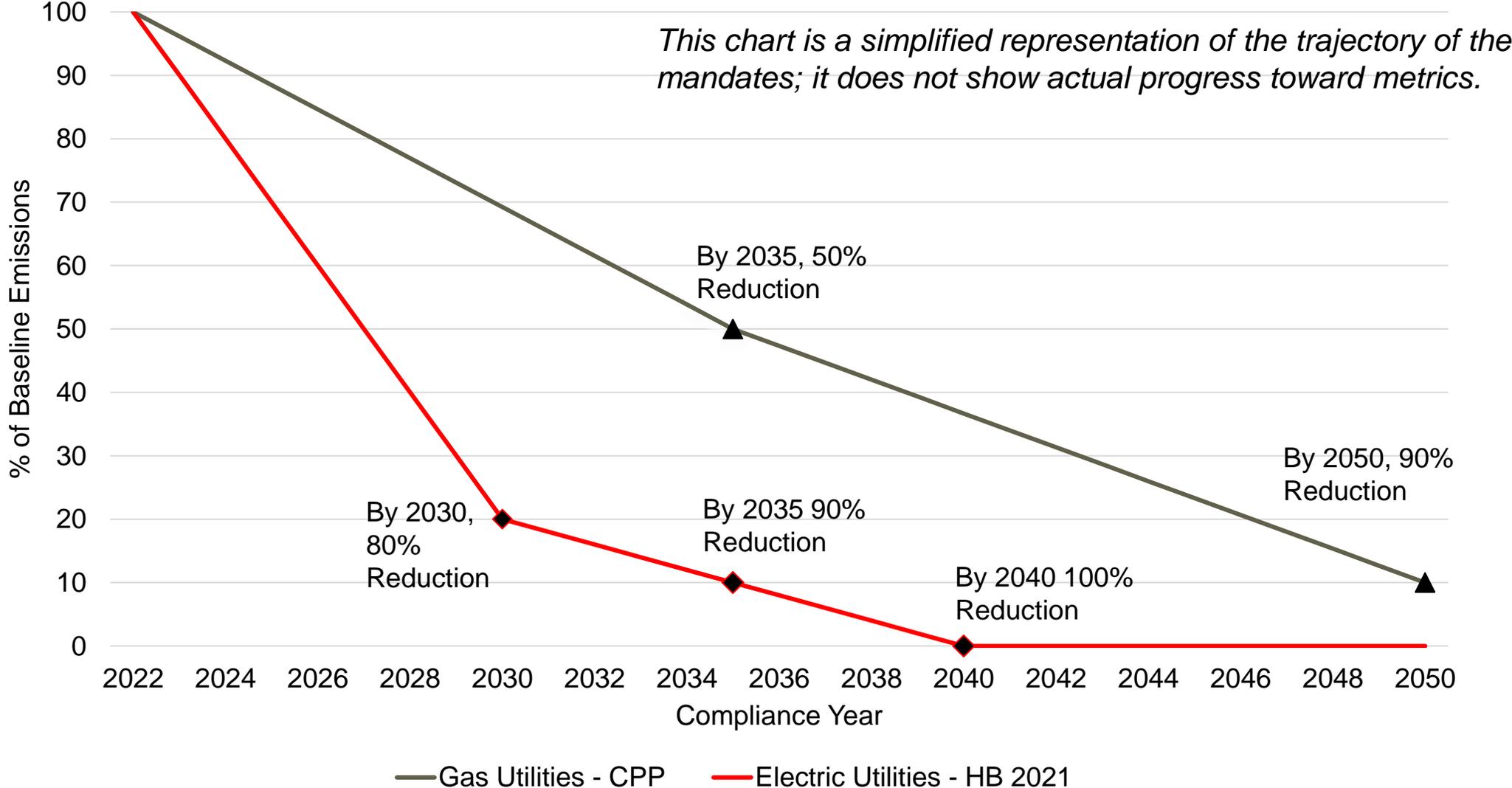
Source: Oregon Citizens Utility Board

# Energy Efficiency as a Resource

- Utilities file 20-year Integrated Resource Plans every two years
- Include estimates of energy needs, resources available and activities to secure resources
- Must prioritize energy efficiency as the least-cost, least-risk resource
- Energy Trust quantifies achievable, cost-effective efficiency and compares costs to supply-side resources



# Oregon's Greenhouse Gas Emissions Reduction Mandates

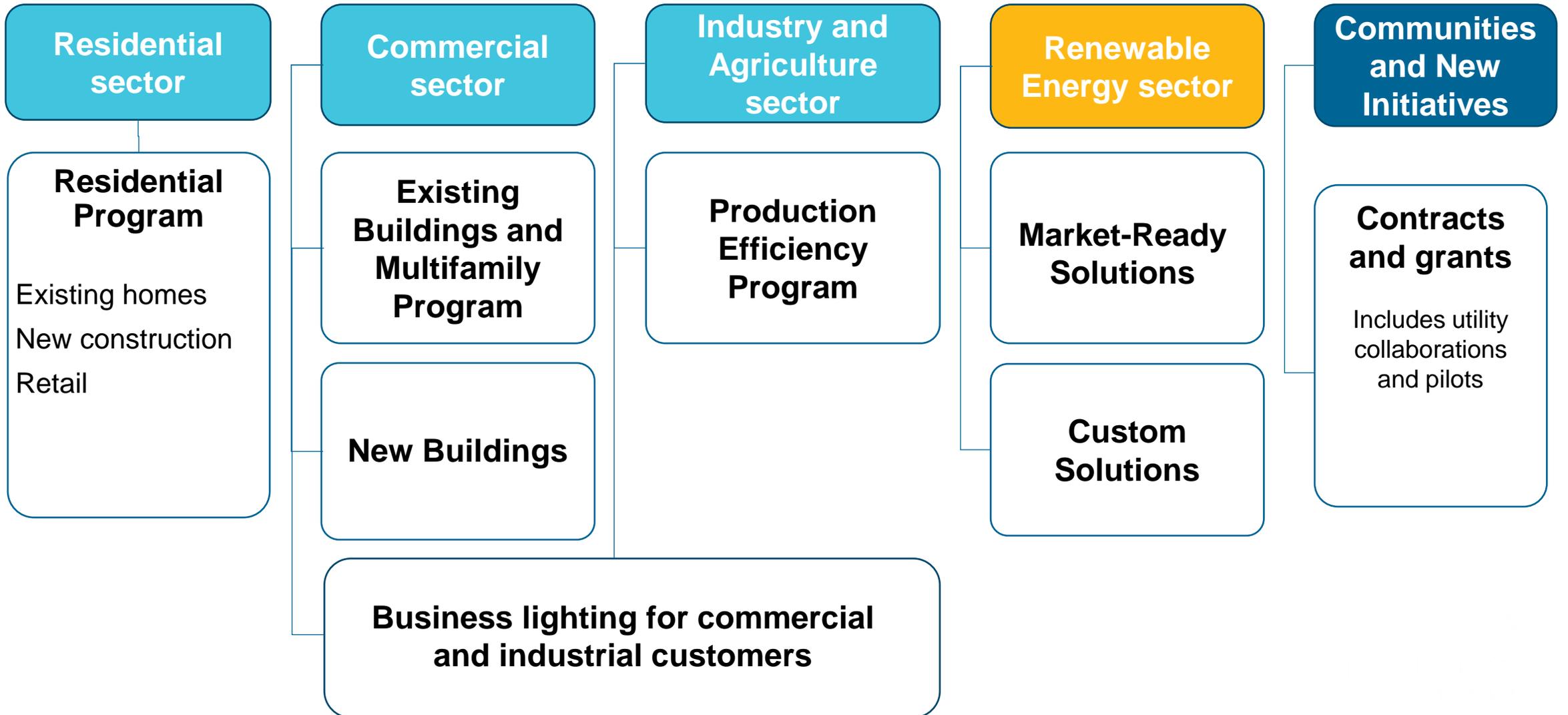


# Programs and Services

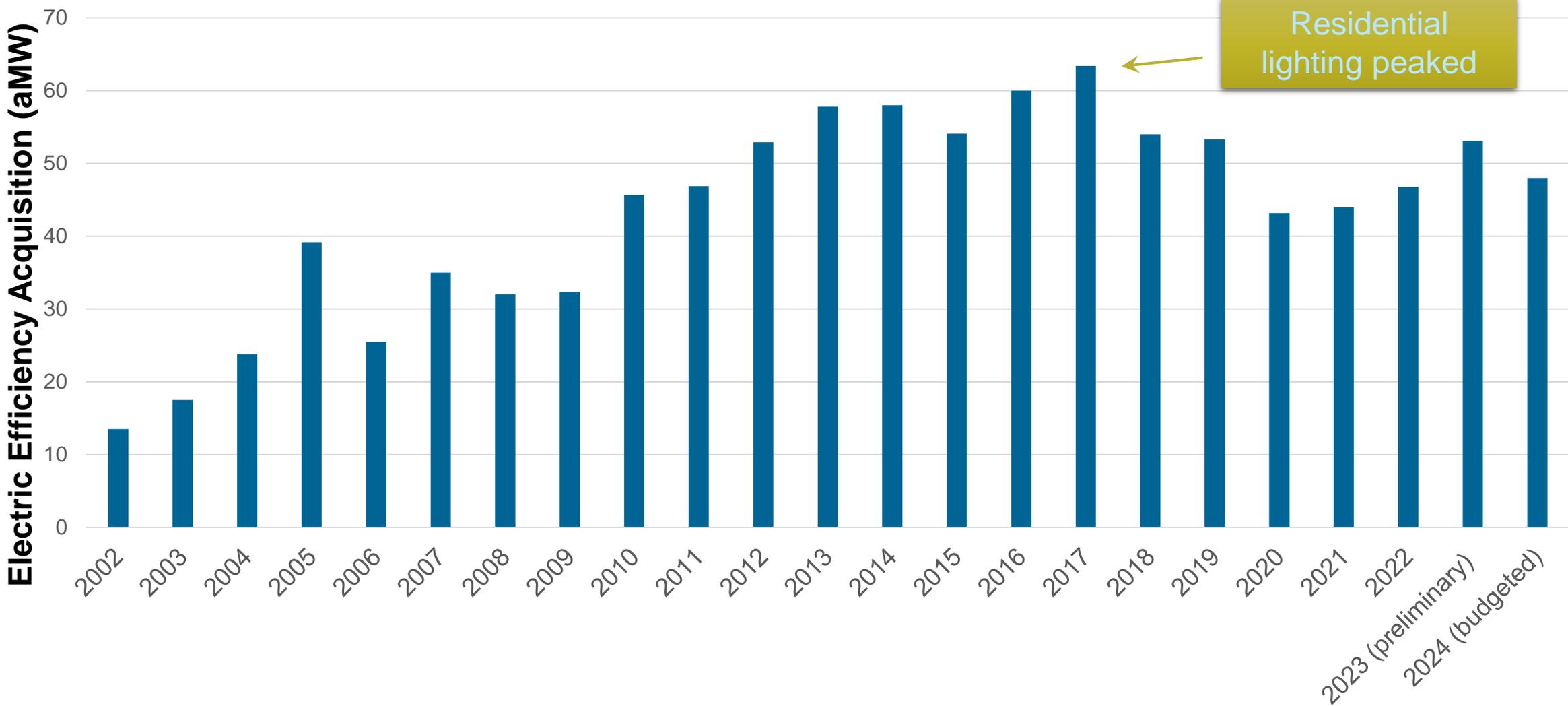
- Cash incentives for:
  - Energy-efficient upgrades
  - Renewable energy systems, grid connected technologies
  - Feasibility studies
- Expert guidance
- On-the-ground network of contractors
- Information and education
  - No- and low-cost strategies and do-it-yourself (DIY) content
  - Information for policymakers and implementers
  - Technical trainings
  - Guidance for communities on energy planning
- Market transformation



# Program Delivery Structure

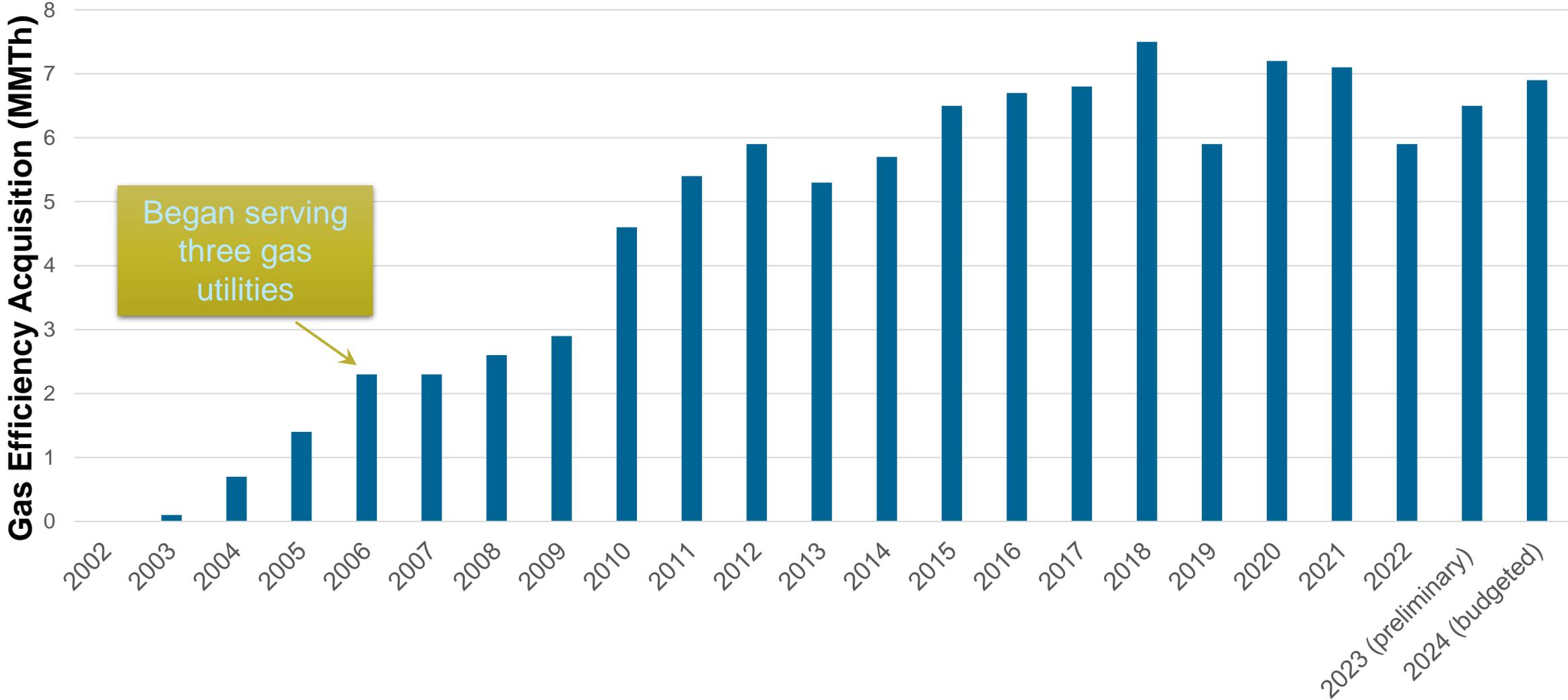


# First-year Electric Savings By Year



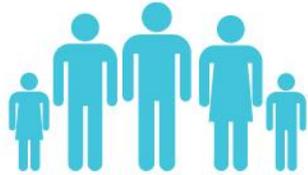
Savings are first-year annual (savings acquired in a year from same-year expenditures).

# First-year Gas Savings By Year



Savings are first-year annual (savings acquired in a year from same-year expenditures).

# Impact and Results



**Nearly 808,000 sites** transformed into energy efficient, healthy, comfortable and productive homes and businesses



**26,000 clean energy systems** generating renewable power from the sun, wind, water, geothermal heat and biopower



**\$10.6 billion** in savings over time on participant utility bills from their energy-efficiency and solar investments



**39 million tons of carbon dioxide** emissions kept out of our air, equal to removing 9.2 million cars from our roads for a year



## Additional Utility Benefits of Energy Efficiency

- Reduces peak demand
- Avoids grid upgrades in constrained areas
- Enables resilience in communities at risk of disasters and outages
- Boosts utility customer satisfaction rates through association with a trusted nonprofit



**DUCAL**  
Malted Rice Balls  
100% Natural  
No Sugar Added

**FARAON**  
Malted Rice Balls  
MAIZ BLANCO  
WHITE MAIZ

**DUCAL**  
Malted Rice Balls  
NO SUGAR

**FARAON**  
Malted Rice Balls  
GREEN PEAS





Thank you

Michael Colgrove

[Michael.colgrove@energytrust.org](mailto:Michael.colgrove@energytrust.org)