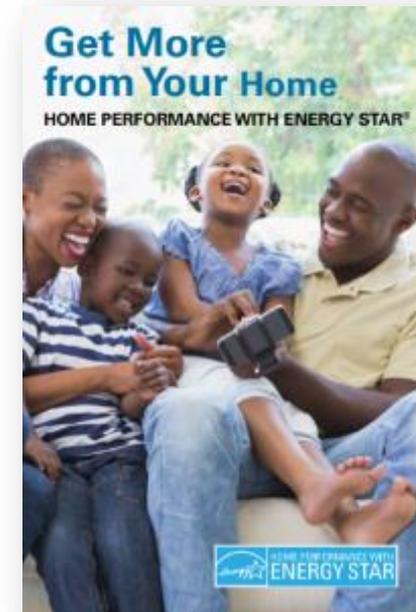


Home Performance with ENERGY STAR: Program Overview and Progress Update



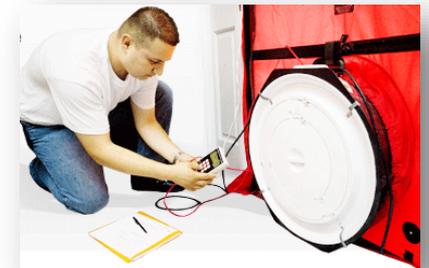
What is Home Performance with ENERGY STAR

- A national voluntary program to make energy-saving improvements to existing single and multifamily homes in the U.S.
- Makes homes more comfortable, durable and healthier to live in
- Reduces household energy costs by 25% or more
- Incorporates industry-leading quality assurance
 - Follows building-science principles
 - Rigorous contractor guidelines
 - Quality assurance mechanisms
- Backed by ENERGY STAR – a credible brand that 91% of consumers recognize and trust

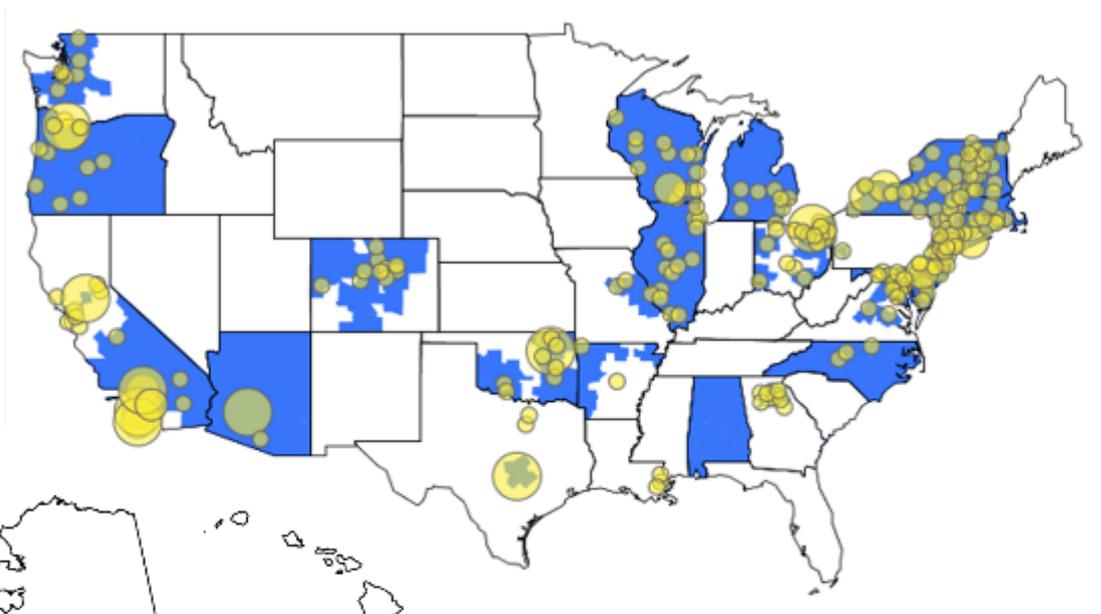


The HPwES Approach

- **Sponsors recruit and train** qualified home improvement contractors and consultants that perform home performance assessments and improvements
- **Energy assessors** identify and recommend efficiency improvements, perform health and safety tests, and provide assessments and ratings to homeowners
- **Contractors** perform improvements that reduce home energy use by 25% or more
- Sponsors and contractors adhere to rigorous **quality control and quality assurance** procedures, including field inspections of completed projects



The Home Performance with ENERGY STAR Sponsor Network



39 Local
HPwES
Sponsors

1,300
Participating
Contractors

 Contractor Presence
 HPwES Coverage

2018 Progress: HPwES Sponsor Initiatives

- **Serving low-moderate income households**
 - 14 Sponsors offering low-moderate income programs and services
 - 9 Sponsors offering services to multifamily buildings
- **Providing home energy labels and certifications**
 - Sponsor Certificates of Completion (BPI -2101)
(e.g., IL Home Performance, Columbia Water & Light)
 - Integration with Home Energy Score (e.g., Columbia Water & Light, Energize Connecticut, Mass Save, New Jersey BPU, PSEG – Long Island)
 - Pearl Home Certification pilot (Northern Virginia)
- **Partnering with HPwES Contractors and providing technical support and training**
 - Co-op marketing campaigns (e.g., New Jersey)
 - Performance-based incentive mechanisms (e.g., PEPCO, BGE, DelMarva Power, MD)
 - Contractor training, trade ally networks, workforce development partnerships, online training resources, mentoring (e.g., NYSERDA, Efficiency Vermont, Focus on Energy)

2018 Progress: HPwES Sponsor Initiatives

- **Promoting healthier homes and improving indoor air quality**
 - **NYSERDA**
 - ✓ Rate-payer funding for in-home education, healthy home repairs
 - ✓ Single assessor for energy efficiency and healthy home assessment
 - ✓ Same set of contractors for both types of repair
 - **Efficiency Vermont**
 - ✓ Actively drives HPwES participants to take on additional healthy home improvements
 - ✓ Conducted study proving importance of best practice ventilation to ensure healthy CO2 levels
 - ✓ Established strategic partnership to drive adoption of energy/efficiency-healthy home interventions with sustainable funding

Home Performance with ENERGY STAR

Program Performance and Results

- **775,000** households served (2002 – present)
- Average of **\$500 savings per home**
- **2018 progress and results:**
 - **85,000+** Home Upgrades
 - **41,000+** Income-Qualified
 - **10,000+** Multi-Family

Home Performance with ENERGY STAR Sponsor Investment and Impact



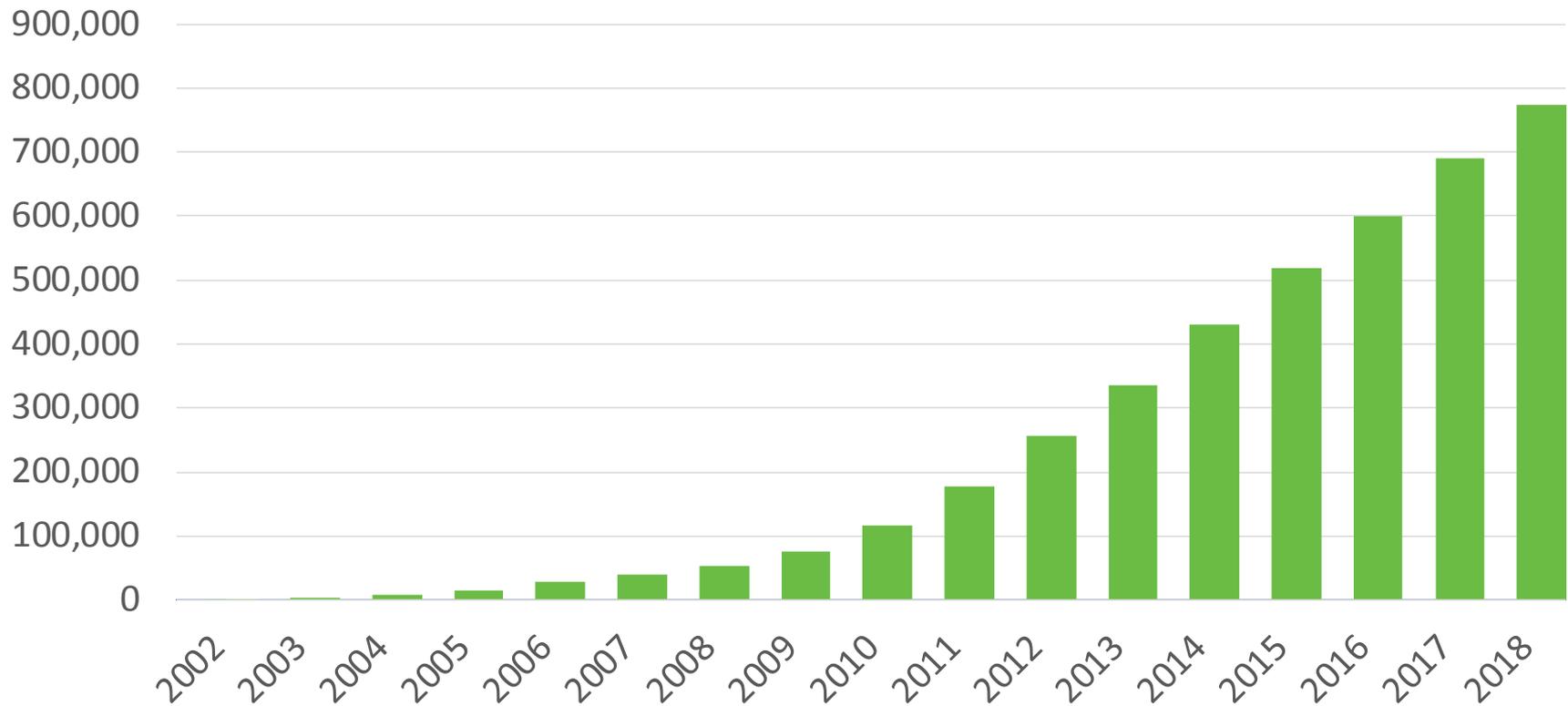
Annual Program Activity (2018)

- **\$509 million** Sponsor & Household Investment
- Average project cost: **\$5,500**
- Average net cost to households (after incentives): **\$2,900***

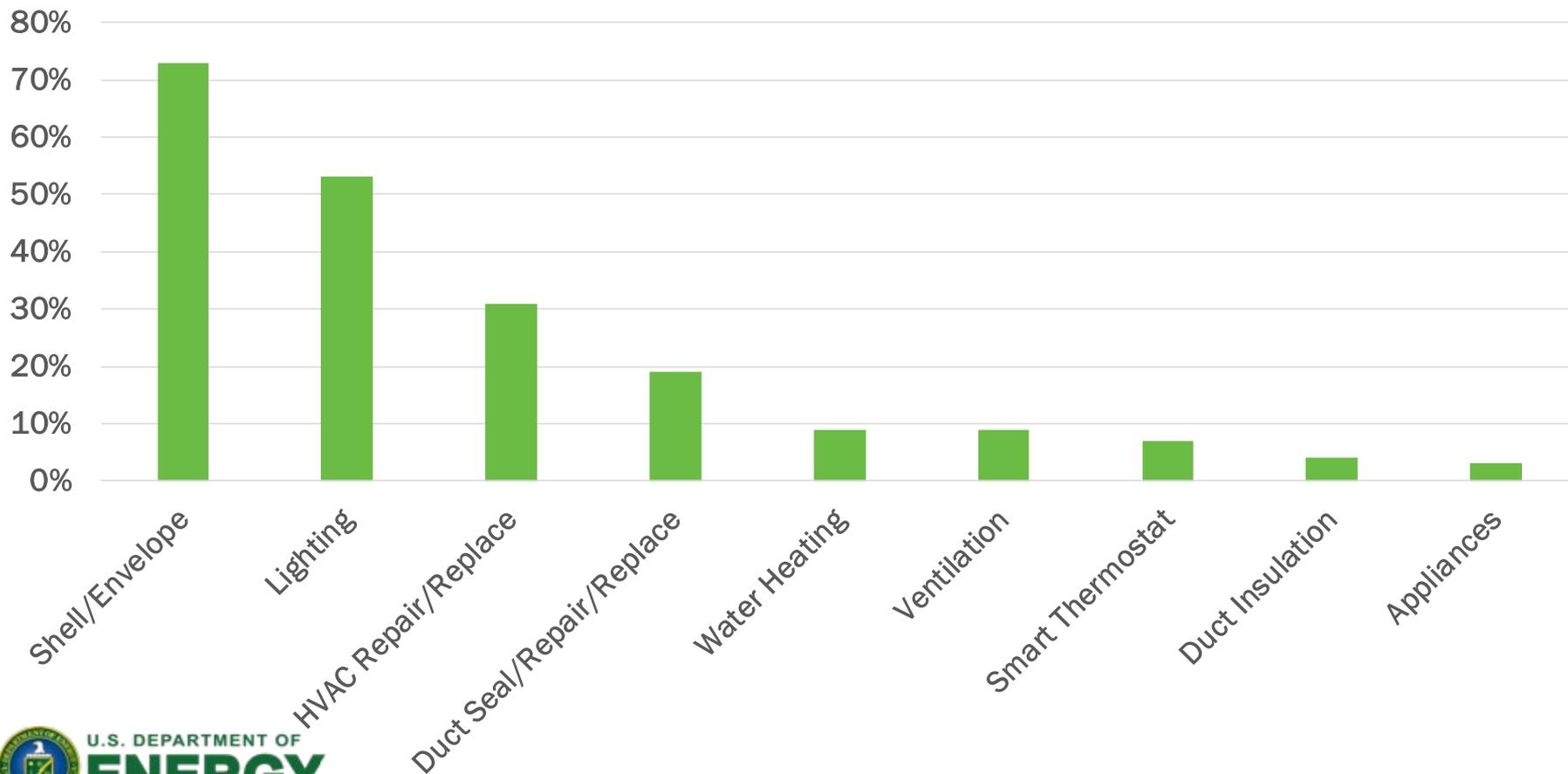
**Low-moderate income household participation in HPWes is subsidized by many HPWES Sponsors through a combination of free or reduced cost assessments, no-cost installation of measures, reduced interest rate loans, and income-qualified incentives.*

HPwES Projects: 2002 - 2018

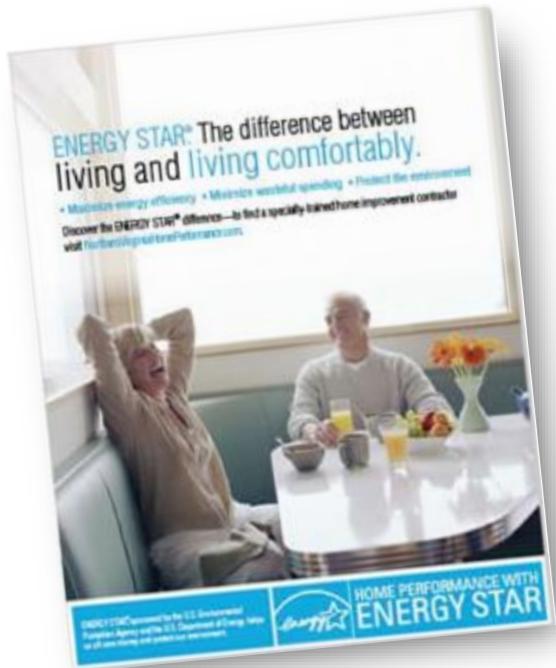
Cumulative Projects Since Program Inception, 2002 - 2018



HPwES Sponsor Portfolio: Efficiency Measures



Energy and Environmental Benefits



Annual Energy Savings in 2018*



123 million kWh



13 million therms



156,000 metric tons of CO2 avoided annually



33,247 cars off the road for 1 year

* Gross site energy savings as reported to DOE by HPwES Sponsors

ENERGY STAR Awards

HPwES Sponsor and Contractor Recognition

- ENERGY STAR Partner of the Year Awards
- Home Performance with ENERGY STAR Contractor of the Year Awards
- Excellence Awards
- Century Club Awards



2019 ENERGY STAR Award Winners: Partner of the Year

Congratulations to the 2019 HPwES Partner of the Year Winners!

2019 ENERGY STAR Partner of the Year: Sustained Excellence

- Austin Energy
- Baltimore Gas & Electric
- Columbia Gas of Ohio
- Consumers Energy
- Delaware Sustainable Energy Utility
- Delmarva Power & Light Company
- Efficiency Vermont
- Energize Connecticut
- Focus on Energy
- National Grid Rhode Island
- New Jersey Board of Public Utilities
- New York State Energy Research and Development Authority (NYSERDA)
- Potomac Electric Power Company
- Southwestern Electric Power Company

2019 ENERGY STAR Partner of the Year

- Black Hills Energy Arkansas
- City of Columbia Water & Light
- Midwest Energy Efficiency Alliance (Illinois Home Performance)
- PSEG Long Island

2019 ENERGY STAR Award Winners: Contractor of the Year

Congratulations to the winners of the Home Performance with ENERGY STAR
2019 Contractor of the Year Award!

2019 ENERGY STAR Contractor of the Year: Sustained Excellence

- AZ Energy Efficient Home (AZ)
- GreenSavers (OR)

2019 ENERGY STAR Contractor of the Year

- Ciel Power LLC (NJ)
- DNR Construction (IL)
- EDGE Energy (MD)
- Elevation Solar (AZ)
- Home Energy Medics (VA)
- Ideal Energy (AZ)
- Wise Home Energy (NY)

2019 ENERGY STAR Award Winners: Excellence in ENERGY STAR Promotion

2019 ENERGY STAR Partner of the Year: Excellence in ENERGY STAR Promotion

Columbia Association, Columbia, MD



For More Information

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HPwES website:

www.energystar.gov/hpwes

ENERGY STAR Awards and Winner Profiles

www.energystar.gov/awards

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