

PANEL 2: Residential Buildings: Program Design, Implementation, and Evaluation

As energy use, consumer expectations, and technologies evolve, successful energy efficiency programs will deliver impact through innovative strategies and nimble adaptation. It is vital that these efforts promote energy justice by equitably advancing building efficiency toward a clean energy future. This panel will cover energy efficiency design, implementation, and evaluation in residential buildings, including existing, new construction, single family, multi-family, rented, and owner-occupied homes. Share with us your successes, promising approaches, and lessons learned in delivering energy savings.

Topics include but are not limited to:

- Data-driven approaches and remote analysis to identify homes with high savings potential, select most beneficial measures, and verify improved performance
- Strategies to identify and address the unique needs of low-income and underserved populations
- Improving cost-effectiveness by incorporating energy efficiency measures into typical transaction points, such as homebuying/selling, occupant turn-over, repairs, and maintenance work
- Innovative partnerships, program designs, and financing methods
- Workforce development
- Customer education on electrification and decarbonization
- Addressing health and safety barriers
- Co-delivery of EE and demand response
- Novel and useful ways to evaluate program impacts