



Ambience.Systems

Bridging building science and the people inside

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INDEPENDENT BUILDING SCIENCE RESEARCH

Participant Information Sheet

Home Energy Score & Thermal Comfort Study

ABOUT THE STUDY

This field study pairs a Home Energy Score assessment with a post-occupancy comfort survey in single-family homes built before 1978 in Piedmont, CA. The aim is to build a fuller picture of how historic homes perform alongside how the people inside actually experience them. This is a preliminary study; we plan to submit a paper to the [2027 ASHRAE Winter Conference](#) and continue as a longitudinal research program beyond that.

NUMBER OF PARTICIPANTS NEEDED

→ 20 households

WHAT YOU RECEIVE

→ A complete Home Energy Score report and a summary of utility baseload/usage analysis at no charge. If you plan to sell your home, you will need this report anyway, and it will be valid for the next five years.

WHO IS ELIGIBLE

- You own and live in a single-family home in Piedmont, CA
- The home was built before 1978 (pre-Title 24)
- No prior energy assessments required

WHAT'S INVOLVED

- One 2-hour home visit in summer 2026 (June 8–30 or August 1–18) for a full [Home Energy Score](#) assessment plus two brief comfort surveys
- A short winter follow-up in January 2027 (~30 minutes, the same two surveys and temperature sensors)
- You will be asked to share your past 12 months of PG&E usage via a secure one-click authorization on PG&E's own website. No password sharing is required.

NOTE ON COSTS

The assessment is provided at no charge. A \$250 BayREN rebate is collected by Ambience.Systems to offset research costs. You will be asked to sign the BayREN rebate form acknowledging this arrangement.

HOW TO SCHEDULE

→ Use this [Google Calendar scheduling link](#) to pick a convenient two-hour slot. We will then send you a rebate form, a consent form, and a questionnaire online.

NOTE ON HUMAN SUBJECT RESEARCH PROTOCOL

- All data is anonymized before analysis. Your property is never identified in any published findings.
- We will never sell or transfer your information to any third party. We will not use your information for marketing purposes.
- No further sales attempts or solicitations beyond this research.

ABOUT SHIN

Dr. Shin Sano has been your neighbor in Piedmont since 2012 and has sent three kids through PUSD schools. A former UX designer and researcher in the automotive sector, and ex-CPO and current Advisor at eneye, Inc., a thermal imaging startup, an experience that brought him into the world of building science. Having assessed primarily Piedmont, Berkeley, and Oakland homes as a DOE Certified Home Energy Score Assessor, he is passionate about how standardized energy asset ratings can help people take meaningful action in the real world: pursuing energy efficiency and thermal comfort without having to sacrifice one for the other. [LinkedIn profile](#)

Questions? Please reach out: shin@ambience.systems