



POWER GROUP

**Making Home Electrification
Faster, Simpler, and More Affordable**

What is POWER?

The POWER Group is a growing network of 200+ collaborators working to transform how we electrify homes. We focus on Power Efficient Design (PED)—a smarter way to electrify that avoids unnecessary panel and service upsizing.

Why It Matters

Electrifying homes is essential to our climate future—but it doesn't need to be slow, expensive, or complicated. POWER helps:

- Avoid billions in system-wide upsizing costs
- Prevent unnecessary delays for homeowners, contractors, and utilities
- Accelerate decarbonization and improve air quality
- Expand access to electrification

Stay Connected

Join our monthly forum – A lively space for continuing research findings, discussion, and collaboration on power efficiency in our homes.

What We Do

The POWER group works to make home electrification faster and more affordable by: first, showing how to fit high-performance appliances on a home's existing system; second, advocating for smarter policies and building codes; and third, creating a collaborative space to drive innovation by sharing insights, research, and developments on products and software solutions.

Key Wins

- Awarded a \$4.775M CEC EPIC Grant to develop a free home electrification “panel” design tool
- Contributed to the upcoming 2026 National Electrical Code updates supporting power efficient solutions.
- Co-authored SPUR's publication of the policy brief “Solving the Panel Puzzle” that featured the consolidated research and expertise from the POWER group.

Email jlow@builditgreen.org for more information on joining.