



POWER Group: Panel Optimization Work & Electrical Reassessments

Build It Green convenes and facilitates diverse changemakers to advance electrification efforts in California housing.

The POWER group is a space to collaborate and discuss solving the complexities of the home electrical panel and ease the path towards a carbon-free future. The group is cross-sectoral, meaning it pulls changemakers across expertise – not just professionals in the electrical sector.

“The home’s electrical panel is a key lever to reach building decarbonization goals as quickly, cost-effectively, and equitably as possible,” says Jenny Low, BIG’s Program Manager. “So this panel is key to reach a climate stable future.”

[Learn more about electrification, efficiency, decarbonization, and electrical appliances.](#)

As more homes electrify, there is an opportunity to identify best practices to handle this small, but mighty tool. POWER focuses on peer learning, research alignment, data sharing, and strategies development.

Goals

There are three main goals of the group.

Shift the narrative: *There is enough capacity in the panel to fully electrify one’s home. Panel optimization is practical, feasible, and yields cost savings upwards of \$30,000.*

Normalize: *There are proven technologies and strategies that can prevent the need for panel upsizing.*

Inform: *There is room to influence electrification program design to more effectively and equitably allocate budgets in the utility sector, across municipalities, and statewide.*

Members

In the group, a wide range of stakeholders are engaged, such as researchers, utility strategists, contractors, electricians, researchers, regulators, and policymakers.

Members hail from dense urban centers, middle-size cities and rural regions. Several people have joined from New York and Canada.

Activities

Monthly meetings: The full main group has a standing meeting on the second Friday of the month.

Subgroups: Small working groups have formed to strategize and make tangible movements toward shifting the narrative, normalizing and informing. These subgroups coalesce and collect data, work on code revisions, and craft guides.

Media Contact

Deepti Hossain, dhossain@builditgreen.org

Programs Contact

Jenny Low, jlow@builditgreen.org

Resources

[Renters Empowered in an Electric Future](#)

[POWER Overview](#)