

Challenges

Opportunities

Panel Upgrade Myth for Building Electrification

* inconsistent requirements across jurisdictions
- load calc
- noise ord.
- setback requirement

* testing for sound ratings in the field are not same across (inspection) jurisdictions

* accessibility (cost & permitting) for low(er) income residents

* building infrastructure updates needed

people taking advantage of programs would implement them already - not target lower income people

upgrading early/earlier

* direct install can offset rebate + ~~cash flow~~ access challenges

* Sybiyum automated permitting

"Don't upgrade til you need it" mindset

Multifamily Owners (Some) not wanting to spend on upgrades

different codes, zoning, & HOAs requirements competing

regional * training for building officials on panel sharing

training for * contractors on panel optimization (e.g.)

* digital tools for optimizing panels

not installing heat pumps optionally

contractors * need to be certified in the installation for permit fast-track

regional * consistency (across county) jurisdictions on requirements

transparency of requirements for each jurisdiction

HOAs cannot have jurisdiction over city & regional rules and laws

plan checking have a checklist for like-for-like or heat pump water heater replacement

RESOURCES/STATE ASKS

State to provide a model

State standards that prevent denial of permits that go above safety

* common installation spaces that can't be banned (state standard)

State to direct (provide direction) decisions on permits & installation, etc

Statewide assessment-checklist-method

how far beyond code minimums should jurisdictions go?

* (state) Standards (standardization) of decibal rating on products

state set standard decibal ratings for that supercede zoning requirements