

Please Support HB20-1155 (Reps. Valdez & Weissman)
Energy efficiency options for new residential construction

Purpose

- Save time and money by facilitating solar PV, solar thermal, electric vehicle charging, electric heat, and electric water heating installation during new residential construction.

Why?

- It is less expensive to install or pre-wire for installation of electric vehicle charging ports / systems while a new home is being constructed than to do so years later.
- Major car manufacturers are increasingly announcing plans to offer electric vehicles. A transition in our vehicle fleet is coming & homebuyers can save money by planning ahead.

Current law

- No law on-point concerning electric vehicle pre-wiring or electric heat / hot water.
- Analogously, builder of a single-family detached residence shall make a non-mandatory offer to buyer to install / pre-wire a solar photovoltaic / thermal system (HB09-1149):
 - Buyer is not required to elect anything – may decline offer.
 - Builder may choose contractors, set terms and conditions, etc.
- If buyer chooses installation or pre-wiring for efficiency options, buyer pays.

What the bill does

- Builder of a single-family detached unit shall make a non-mandatory offer to install / pre-wire electric vehicle charging or electric heating / hot water apparatus
 - Buyer is not required to elect anything – may decline offer.
 - Builder may choose contractors, set terms and conditions, etc.
- Flexible definitions to allow for a variety of electric vehicle charging technologies.
- If buyer chooses installation or pre-wiring for electric vehicle charging port, buyer pays.

What the bill does not do

- Mandate any builder to build / install anything the buyer doesn't want.
- Mandate any buyer to buy / install anything the buyer doesn't want.
- Impact construction of rental units.

Examples

- NEMA 14-50 50 Amp receptable - \$9 (Lowes)
- 50-gallon, 4500 watt electric water heater - \$419 (Lowes)
- 2020 Nissan Leaf - \$32,000 (Car and Driver)
- 2020 Chevy Bolt - \$37,000 (Car and Driver)