

Delete Appendix RK (2228)

IECC: APPENDIX RK, SECTION RK101, RK101.1, RK101.1.1, RK101.1.2, RK101.1.3, RK101.1.4

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2024 International Energy Conservation Code [RE Project]

APPENDIX RK ~~ELECTRIC-READY RESIDENTIAL BUILDING PROVISIONS~~

SECTION RK101 ~~ELECTRIC READINESS~~

~~**RK101.1 Electric readiness.** Water heaters, household clothes dryers and cooking appliances that use *fuel gas* or *liquid fuel* shall comply with Sections RK101.1.1 through RK101.1.4.~~

~~**RK101.1.1 Cooking appliances.** A dedicated branch circuit outlet with a rating not less than 240 volts and not less than 40 amperes shall be installed and terminate within 3 feet (914 mm) of conventional cooking tops, conventional ovens or cooking appliances combining both.~~

~~**Exception:** Cooking appliances not installed in an individual *dwelling unit*.~~

~~**RK101.1.2 Household clothes dryers.** A dedicated branch circuit with a rating not less than 240 volts and not less than 30 amperes shall be installed and terminate within 3 feet (914 mm) of each household clothes dryer.~~

~~**Exception:** Clothes dryers not installed in an individual *dwelling unit*.~~

~~**RK101.1.3 Water heaters.** A dedicated branch circuit with a rating either not less than 240 volts and not less than 30 amperes, or not less than 120 volts and not less than 20 amperes, shall be installed and terminate within 3 feet (914 mm) of each water heater.~~

~~**Exception:** Water heaters serving multiple *dwelling units* in a R-2 occupancy.~~

~~**RK101.1.4 Electrification ready circuits.** The unused conductors required by Sections RK101.1.1 through RK101.1.3 shall be labeled with the word "spare." Space shall be reserved in the electrical panel in which the branch circuit originates for the installation of an overcurrent device. Capacity for the circuits required by Sections RK101.1.1 through RK101.1.3 shall be included in the load calculations of the original installation.~~

Reason: This proposal will bring this section into compliance with R101.3 Intent of the code which states that the code "is not intended to eliminate any fuel type." The ICC Board Commentary goes on to state that the code "remain neutral to fuel source and do not promote or penalize specific types of equipment or fuel sources." The struck language from the 2024 code clearly violates this intent. These provisions only add cost and do not save any energy in and of themselves. Therefore, they are not cost-effective and it clearly penalizes the use of energy sources that are not electricity.

Cost Impact (Detailed): Decrease

Estimated Immediate Cost Impact:

Estimate at least \$1000 per circuit x 3 circuits = \$3000 decrease.

Estimated Immediate Cost Impact Justification (methodology and variables):

Estimate at least \$1000 per circuit x 3 circuits = \$3000 decrease.