

STATE OF ILLINOIS

IMPORTANT CODE UPDATES

2021 Illinois Energy Conservation Code

<https://cdb.illinois.gov/business/codes/illinois-energy-codes/illinois-energy-conservation-code.html>

Adopted November 7, 2023 (effective January 1, 2024)

ALL applications submitted after January 1, 2024 **MUST** pass the 2021 RESCheck or COMCheck

Updates to the Code include, but are not limited to:

RESIDENTIAL

- R-values must be R-30 for walls and R-60 for ceilings, or R-20 in walls with R-5 continuous on outside of framing.
 - Hot water pipes must be insulated to 3/4" or larger, was 1".
 - 100% of permanently installed lighting shall be high efficacy.
- Permanently installed fixtures shall have a dimmer, occupant sensor control, or other control installed or built into the fixture. *(Excluding bathrooms, hallways, exterior lights or lighting for safety or security)*

COMMERCIAL

- All commercial buildings must be pressure tested and need 10 points to pass – check chart.
- Not less than 90% of permanently installed fixtures shall contain only high-efficacy lights.
- Occupant sensors must reduce lighting power by 50% within 20 minutes of no occupancy.
- At least 50% of receptacles in all enclosed offices, conference rooms, rooms used primarily for print and/or copy functions, break rooms, classrooms, and individual workstations must be automatic receptacle control measurement devices and shall be in buildings to monitor the electrical, HVAC, and building operations.

Electrical Vehicle Charging Act

Public Act 103-0053 (Effective on January 1, 2024)

A new single-family residence shall have at least one EV-capable parking space

EV-CAPABLE MEANS PARKING SPACES THAT HAVE THE ELECTRICAL PANEL CAPACITY AND CONDUIT INSTALLED DURING CONSTRUCTION TO SUPPORT FUTURE IMPLEMENTATION OF ELECTRIC VEHICLE CHARGING WITH 208-VOLT OR 240-VOLT OR GREATER, 40-AMPERE OR GREATER CIRCUITS.

EV CAPABLE SHALL NOT BE CONSTRUED TO REQUIRE A DEVELOPER OR BUILDER TO INSTALL OR RUN WIRE OR CABLE FROM THE ELECTRICAL PANEL THROUGH THE CONDUIT OR RACEWAY TO THE TERMINUS OF THE CONDUIT

**FOR QUESTIONS PLEASE CONTACT ADAM WILLARD
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