



WATT'S HAPPENING HERE?
Electricity's Trip From the Ground Up

4 *When the electricity arrives at its final destination, it may need to be controlled.*

Circuit Controls

§130.5(d) In private offices, open office areas, reception lobbies, conference rooms, kitchenettes in office spaces, and copy rooms one controlled outlet must be within a 6-foot radius of any number of uncontrolled outlets.

3 *As electricity flows through the building's wires, voltage drops.*

Voltage Drop

§130.5(c) Design load calculated so that voltage drop is maximized at 2% for feeders and 3% for branch circuits (5% combined.)

2 *Once in the building, it must make a choice on where to go (e.g., HVAC, lighting, plug loads.)*

Disaggregation of Load

§130.5(b) Separate electric load so Building Owner can meter specific uses.

1 *The trip begins...electricity arrives at a building and knocks to get in.*

Service Metering

§130.5(a) Meter to allow Building Owner to monitor building electricity usage.

For more information see the Nonresidential EPD Fact Sheet found at EnergyCodeAce.com/content/resources_fact_sheets

