

## 2015 IECC Commercial Code Changes

### **Commercial – General**

- CE-15- Existing roof recover/repair separate from roof replacement for energy improvements
- CE-36 – Daylighting zones shown on plans
- CE-66 – New Tropical Climate Zone created
- CE-284 – SWH commissioning now required
- CE-351/352/353 – Commissioning requirements clarified by all these public comments

### **Commercial – Definitions**

- CE-49 – SHW circulation system
- CE-50 – Climate Zone
- CE-51 – Conditioned Space
- CE-52 – Continuous Insulation
- CE-57 – Rooftop monitor
- CE-59 – Roof/wall 30° definition
- CE-124 – Above/below grade walls
- CE-133 – Opaque door

### **Commercial – Envelope**

- CE-59 – Slope glazing now 30°
- CE-119 – Cool roof criteria added (new)
- CE-149 – Area criteria for daylighting (revised)
- CE-177 – Combustion air openings criteria (new)

### **Commercial – HVAC**

- CE-250/251 – VAV systems will require DDC (Direct Digital Control)
- CE-200/201 – New NAECA equipment tables
- CE-217 – Raises duct/plenum insulation levels to R12 when outside the envelope
- CE-235/236/237 – Economizer exceptions; added requirements
- CE-238/331 – New motor HP requirements

### **Commercial – Hot Water**

- CE-271 – Revised piping insulation table
- CE-279 – Heat trace / circulation pump option to maintain delivery temperature with demand control
- CE-274/275 – Pipe sizing by water volume (quantity) or run (diameter/distance)
- CE-283 – Drain water recovery
- CE-284 – SWH system commissioning

### **Commercial – Power**

- CE-234 – New fan efficiency requirements
- CE-235 – Adds exhaust fans to C403.2.10 list
- CE-236 – Adds sound attenuation requirements
- CE-237/238 – Adds sizing limits based on HP
- CE-239 – Adds refrigeration equipment performance requirements
- CE-258 – Adds fractional HP motors to fan HP requirements
- CE-329/331 – Adds minimum transformer and motor efficiencies

### **Commercial – Lighting**

- CE-294 – Revises daylighting control details to capture energy savings
- CE-299 – Revises hotel room lighting control
- CE-309 – Revises ILPA space-by-space maximums
- CE-317 – Revises specialty ILPA lighting maximums