

GEW60-14

604.4

Proponent: Glenn Heinmiller, Lam Partners, Inc, representing International Association of Lighting Designers (glenn@lampartners.com)

Revise as follows:

604.4 Lighting. In Group B office spaces, the Auto-DR system shall be capable of reducing total connected power of lighting as determined in accordance with Section C405.5 of the *International Energy Conservation Code* by not less than 15 percent.

Exception: The following buildings and lighting systems need not be addressed by the Auto-DR system:

- ~~1. Buildings or portions associated with lifeline services.~~
- Luminaires on emergency circuits.
- ~~3. Luminaires located in emergency and life safety areas of a building.~~
- Lighting in buildings that are less than 5,000 square feet (465 m²) in total area.
- Luminaires connected to *daylight responsive controls* located within a daylight zone that are dimmable and connected to automatic *daylight controls* complying with Section C405.2.2.3.2 of the *International Energy Conservation Code*.
- ~~6. Signage used for emergency, life safety or traffic control purposes.~~

Reason: Exception 1 is incomprehensible. It refers to "lifeline services." Whatever this is, it is not a defined term and not a commonly used term.

Exception 3 is redundant: luminaires in "emergency and life safety areas of a building" should also be connected to emergency circuits and thus would be covered by exception 2.

Exception 5 is updated to incorporate new terminology from in the 2015 IECC which came from CE294-13 AMPC1/3.

Exception 6 is not necessary because signage is not lighting, and additionally is already exempt from the total connected power for interior lighting in IECC C405.5 (Section C405.4 of 2015 code).

Cost Impact: Will not increase the cost of construction.

Analysis: The International Energy Conservation Code sections C405.5 and C405.2.2.3.2 referenced in the text of this proposal are section numbers for the 2012 Edition. Due to significant changes approved for the 2015 IECC, the section numbers for the 2015 Editions will be C405.4 and C405.2.3, respectively.

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