**CED1-65-22**

**IECC: C405.2, C405.5.1**

**Proponents:** Bryan Holland, representing National Electrical Manufacturers Association (NEMA) ([bryan.holland@nema.org](mailto:bryan.holland@nema.org))

**2024 International Energy Conservation Code [CE Project]**

**Revise as follows:**

**C405.2 Lighting controls.**

Lighting systems powered through the energy service for the building and any other building site lighting owned and maintained by the building owner and associated with the building project permit shall be provided with controls that comply with Sections C405.2.1 through C405.2.9 .

**C405.5.1 Total connected ~~exterior building~~ exterior lighting power.**

The total exterior connected lighting power shall be the total maximum rated wattage of all exterior lighting that is powered through the energy service for the building and any other building site lighting owned and maintained by the building owner and associated with the building project permit.

**C405.5.2 Exterior lighting power allowance.**

The exterior lighting power allowance (watts) is calculated as follows:

2. For each exterior area that is to be illuminated by lighting that is powered through the energy service for the building and any other building site lighting owned and maintained by the building owner and associated with the building project permit, determine the applicable area type from Table C405.5.2(2).

**Reason Statement for Revisions:**

NEMA believes the added language addresses the concerns of the opponents to CED1-69. The new language ensures that building site lighting that is not owned and maintained by the associated building owner or is not within the scope of a building project permit. In short, if the project specifies separate services for the building premises wiring system and exterior lighting that are under the same building project permit or owned and maintained by the building owner, the IECC-C rules apply to that exterior lighting. If the exterior lighting is owner and maintained by a third party and not under the scope of the building permit project, the IECC-C rules may not apply. C503.5 doesn’t apply as long as no alterations are made to any existing lighting on the project site. For example, let’ s say a permit is issued for a new parking lot with lighting that also includes alterations to existing parking lot lighting. The new work portion of the permit has to comply with C405.5, the existing work portion complies with C503.5. C503.5.2(1) tells us all the lighting now has to comply with C405.5. However, C405.5.1 will now say only the lighting that is under the scope of the building project permit. This prevents a scenario where all existing lighting on a property suddenly comes under the IECC-C compliance requirements as a result of C503.5 requirements.