

GG340-14

608.6 (New)

THIS CODE CHANGE PROPOSAL IS ON THE AGENDA OF THE IgCC ENERGY/WATER CODE DEVELOPMENT COMMITTEE. SEE THE HEARING ORDER FOR THE IgCC ENERGY/WATER CODE DEVELOPMENT COMMITTEE.

Proponent: Jonah Cecil Scheib, Urban Green Council, representing Urban Green Council (cs@urbangreencouncil.org); Jim Edelson, New Building Institute, representing NBI; Ryan Meres (ryan@imt.org)

Add new text as follows:

608.6 Construction site lighting. Temporary construction site lighting, including building site lighting, indoor lighting and lighting for temporary walkways, foot bridges, sidewalks and sheds, shall utilize lamps having an efficacy of not less than 60 lumens per watt. Such lighting shall be controlled by one or more master switches, labeled and located near to the primary access to the site, such that the lighting for the entire site can be turned off when not in use. General construction lighting shall be supplied by circuits that are separate from emergency egress lighting circuits.

Reason: This proposal would reduce the enormous waste of electricity used for lighting on construction sites. Construction sites often use hundreds of inefficient incandescent bulbs, and leave them on even when daylight is sufficient or the site is closed. This proposal would require construction sites to avoid the use of inefficient lamp types, and to make it easy to turn off the lighting when it is not needed for work.

The luminous efficacy requirement is that of the 2012 IECC for lamps over 40 watts.

Bibliography:

NYC Green Codes Task Force, Proposal EE16: Increase Lighting Efficiency on Construction Sites ([Proposal](#))

NYC Local Law 51 of 2010 ([Law](#))

NYC Building Code Sections 3307.2.1, 3307.2.1 and 3307.6.5 ([Code Reference](#))

Cost Impact: Will not increase the cost of construction.

GG340-14:409.4 (NEW)-SCHEIB1110
