



**GOVERNMENT OF THE DISTRICT OF COLUMBIA
CONSTRUCTION CODES COORDINATING BOARD**
c/o DCRA– 1100 4th Street SW, Washington, DC 20024

CODE CHANGE PROPOSAL FORM

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CODE: IgCC SECTION NO. 604.1 SUBCOMMITTEE AMENDMENT NO. GC-G-6-36-13

PROPOSING SUBCOMMITTEE: Green CHAIR: Updike PHONE: 202-535-1337 E-mail: William.updike@gc.gov

DATES OF PROPOSAL: 6/21/12 CCCB PRESENTATION: 7.19.12 CCCB APPROVAL: 7/26/12

CHECK ONE *Revise section to read as follows:* *Delete section and substitute the following:*
 Add new section to read as follows: *Delete section without substitution.*

TYPE ALL TEXT IN 12-POINT TIMES NEW ROMAN FONT
~~LINE THROUGH TEXT TO BE DELETED~~-(highlight text, under Format, click font and check strikethrough)
UNDERLINE TEXT TO BE ADDED
 Use additional sheets of the form, if necessary.

See next page.

Anticipated impact of code change on cost of construction (CHECK ONE)
 Increase *Decrease* *Negligible* *Unknown*

Per 1,000 SF single-family dwelling *to*
Per 1,000SF of commercial building *to*

- JUSTIFICATION OF CHANGE:**
 Please reference one or more of the criteria required
- To address a critical life/safety, health, general welfare need.
 - To address a specific District of Columbia policy or statute
 - For consistency with federal, or with reference to the Metro DC area (MD, VA) codes
 - Address a unique character issue in the District of Columbia
 - Correction of errors and omissions
 - Other (explain)

The Green TAG deleted the lighting systems controls because we deleted Section 604.4 in another amendment due to the nascent nature of DR for lighting systems. The TAG added language to clarify that this section will only apply to projects that are installing an EMCS, and not to all projects.

Strike Section 604.1 of the International Green Construction Code in its entirety and insert new Section 604.1 in the Green Construction Code to read as follows.



604.1 Establishing an open and interoperable automated demand response (Auto-DR) infrastructure. Where this section is indicated to be applicable in Table 302.1, buildings that contain heating, ventilation, air conditioning (HVAC) or lighting systems shall comply with Sections 604.1 through 604.3. ~~604.4. A building energy management and control system (EMCS) shall be provided and~~ Where a building energy management and control system (EMCS) has been installed, it shall be integrated with building HVAC systems controls and lighting systems controls to receive an open and interoperable automated demand response (Auto-DR) relay or Internet signal. Building HVAC and lighting systems and specific building energy using components shall incorporate preprogrammed demand response strategies that are automated with a demand response automation Internet software client.

Exception: Auto-DR infrastructure is not required for the following:

1. Buildings located where the electric utility or regional Independent System Operator (ISO) or Regional Transmission Operator (RTO) does not offer a demand response program to buildings regulated by this code.
2. Buildings with a peak electric demand not greater than 0.75 times that of the standard reference design.
3. *Buildings* that have incorporated on-site renewable energy generation to provide 20 percent or more of the building's energy demand.