International Energy Conservation Code
Consensus Committee-Commercial

Meeting Agenda (Draft 1/5/23)

January 11, 2023
2:00 PM Eastern to 5:00 PM Eastern (3 hours)
Webex Link

Committee Chair: Duane Jonlin
Committee Vice Chair: Emily Hoffman

1. Call to order.

2. Meeting Conduct. Staff
    a. Identification of Representation/Conflict of Interest
    b. ICC Council Policy 7 Committees: Section 5.1.10 Representation of Interests
    c. ICC Code of Ethics: ICC advocates commitment to a standard of professional behavior that exemplifies the highest ideals and principles of ethical conduct which include integrity, honesty, and fairness. As part of this commitment it is expected that participants shall act with courtesy, competence and respect for others.
    d. ICC Antitrust Compliance Guideline

3. Roll Call – Hoffman

4. Approval of Agenda

5. Approval of Minutes from December 14, 2022

6. Administrative issues.

7. Action Items.
    a. Public Comment Draft 1 Proposals

CED1-137-22(Thermal bridging clarifications)	Envelope disapprove 17-0-3
CED1-139-22(Cladding supports exception)	Envelope as modified 19-0-1
CED1-138-22(Thermal bridging adjustments)	Envelope approve 12-3-3
CED1-107-22(Thermal bridging)	Envelope as modified 16-0-2
CED1-135-22(Thermal bridging to appendix)	Envelope disapprove 9-5-3
CED1-136-22(Thermal bridging in above-grade walls)	Envelope disapprove 11-4-3
CED1-96-22(ASHRAE 90.1 to thermal bridging)	Envelope split
CED1-97-22(ACI/TMS Code 122.1-21 thermal bridging)	Envelope disapprove 9-6-1
CED1-93-22(Remove thermal bridging ref)	Envelope disapprove 12-1-4
CED1-87-22(Building thermal envelope)	Envelope approve 13-0-4
CED1-158-22(Boilers)	HVACR as modified 9-0-2
CED1-168-22(Occupied standby controls)	HVACR as modified 12-0-1
CED1-160-22(CEPI-99 modification)	HVACR approve 7-2-1

CED1-164-22(Fossil fuel to fuel gas or fuel oil)	HVACR as modified 8-2-3
CED1-192-22(Renewable and load management credit)	Modeling disapprove 11-2-1
CED1-194-22(E02 15% UA reduction)	Modeling approve 15-0-1
CED1-76-22(Additional lighting power allowance)	EPLR as modified 9-0-1
CED1-7-22(Construction Documents definition)	Admin disapprove 9-0-1
CED1-8-22(Equipment building criteria)	Admin disapprove 8-0-1
CED1-12-22(C505.1 reference)	Admin approve 8-0-1
CED1-13-22(ASHRAE 140 reference)	Admin approve 8-0-1

8. Subcommittee Reports

9. Other business.

a. Public comment on any matters discussed at the meeting (Please limit comments to 2 minutes. Further comments can be directed to the Secretariat following the meeting to be considered at a future meeting.)

10. Next meeting Wednesday, January 25, 2023 at 2:00 pm Eastern

11. Adjourn.

FOR FURTHER INFORMATION BE SURE TO VISIT THE ICC WEBSITE:
IECC Commercial Consensus Committee Webpage
https://www.iccsafe.org/products-and-services/i-codes/code-development/cs/iecc-commercial-consensus-committee/
ICC Energy webpage
https://www.iccsafe.org/products-and-services/codes-standards/energy/
Code Change Proposal Submittals
https://energy.cdpaccess.com/login/

FOR ADDITIONAL INFORMATION, PLEASE CONTACT:

Kristopher Stenger, AIA, Director of Energy Programs
International Code Council
kstenger@iccsafe.org

International Energy Conservation Code
Code Change Proposal Tracking Sheet

Proposal #	CED1-137-22 Thermal bridging clarifications
CDP ID #	887
Code	IECC CE
Code Section(s)	C402.7
Location	base
Proponent	Bob Zabcik bob@ztech-consulting.com
Proposal Status	SC review
Subcommittee	CE Envelope
Subcommittee Notes	**Reason Statement**: The proposal recommends changes to C402.7, exception number 2, that significantly alters the original intent.
Recommendation	**Disapprove**
Vote	**Disapprove** 17-0-3
Recommendation Date	12/15/22
Next Step	To Subcommittee To Advisory Group_____ To Consensus Committee_____X_____
Consensus Committee	
Committee Response	
Vote	Affirmative_____ Negative_____ Table_____ To Subcommittee_____
Date	

International Energy Conservation Code
Code Change Proposal Tracking Sheet

Proposal #	CED1-139-22 Cladding supports exception
CDP ID #	646
Code	IECC CE
Code Section(s)	C402.7.2
Location	base
Proponent	Theresa Weston holtweston88@gmail.com
Proposal Status	SC review
Subcommittee	CE Envelope
Subcommittee Notes	**Reason Statement**: This modification clarifies that thermal bridging in curtainwall and window wall is considered in the fenestration section of the thermal bridging provisions (i.e. they are not exempt from thermal bridging mitigation requirements), while still excepting curtainwall and window wall anchoring systems from the provisions dealing with linear thermal bridging for cladding attachment. Including this exception for anchoring systems is important to avoid confusion with other provisions or standards that consider curtainwall and window wall under the category of cladding.
Recommendation	**Approve as modified** **Modification:** C402.7.2 Cladding supports. Linear elements supporting opaque cladding shall be off-set from the structure with attachments that allow the continuous insulation, where present, to pass behind the cladding support element except at the point of attachment. Exceptions: 1. An *approved* design where the above-grade wall *U*-factor used for compliance accounts for the cladding support element *thermal bridge*. 2. Anchoring for curtain wall and window wall systems where curtain wall and window wall systems comply~~ing~~ with C402.7.4.
Vote	**Approve as modified** 19-0-1
Recommendation Date	12/15/22
Next Step	To Subcommittee To Advisory Group_____ To Consensus Committee_____X_____
Consensus Committee	

Committee Response	
Vote	Affirmative_____ Negative_____ Table_____ To Subcommittee_____
Date	

International Energy Conservation Code
Code Change Proposal Tracking Sheet

Proposal #	CED1-138-22 Thermal bridging adjustments
CDP ID #	841
Code	IECC CE
Code Section(s)	C402.7.1
Location	base
Proponent	Alyson Hallander alyson.hallander@schoeck.com
Proposal Status	SC review
Subcommittee	CE Envelope
Subcommittee Notes	**Reason Statement**: The proposed wording change will make it easier for current structural thermal break products on the market to meet the thermal performance requirements.
Recommendation	**Approve as submitted**
Vote	**Approve as submitted** 12-3-3
Recommendation Date	12/15/22
Next Step	To Subcommittee To Advisory Group_____ To Consensus Committee_____X_____
Consensus Committee	
Committee Response	
Vote	Affirmative_____ Negative_____ Table_____ To Subcommittee_____
Date	

International Energy Conservation Code
Code Change Proposal Tracking Sheet

Proposal #	CED1-107-22 Thermal bridging
CDP ID #	651
Code	IECC CE
Code Section(s)	C402.1.2.1.5
Location	base
Proponent	Michael Tillou michael.tillou@pnnl.gov
Proposal Status	SC review
Subcommittee	CE Envelope
Subcommittee Notes	**Reason Statement**: The proposed change clarifies the intent of Section C402.7.1 and adds new language that aligns with the requirements for other types of thermal bridges. It also corrects the units for chi factor.
Recommendation	**Approve as modified** **Modification:** **C402.1.2.1.5 Area-weighted Averaging of Above-Grade Wall U-factors.** ~~For~~ Where above-grade walls ~~which~~ include more than one assembly ~~component~~ type or a penetration of the opaque wall area, the area weighted U-factor of the ~~entire~~ above-grade wall ~~may~~ is permitted to be determined by ~~accepted~~ an *approved* method~~engineering practice~~. **Revise as follows:** **C402.7.1 Balconies and floor decks.** Balconies and concrete floor decks shall not penetrate the building thermal envelope. Such assemblies shall be separately sup-ported or shall be supported by structural attachments or elements that minimize thermal bridging through the building thermal envelope. **Exceptions:** Balconies and concrete floor decks shall be permitted to penetrate the building thermal envelope where: 1. an area-weighted U-factor is used for above-grade wall compliance ~~which~~ that includes a U-factor of 0.8 Btu/h-°F-ft for the area of the above grade wall penetrated by the concrete floor deck in accordance with Section C402.1.2.1.5, or 2. an approved thermal break device of not less than R-10 is installed in accordance with the manufacturer's instructions, or . 3. An *approved* design where the above-grade wall U-factor used for compliance accounts for all balcony and concrete floor deck thermal bridges.
Vote	**Approve as modified** 16-0-2
Recommendation Date	12/15/22
Next Step	To Subcommittee To Advisory Group_____ To Consensus Committee_____X_____
Consensus Committee	

Committee Response	
Vote	Affirmative_____ Negative_____ Table_____ To Subcommittee_____
Date	

International Energy Conservation Code
Code Change Proposal Tracking Sheet

Proposal #	CED1-135-22 Thermal bridging moved to appendix
CDP ID #	676
Code	IECC CE
Code Section(s)	C402.7
Location	appendix
Proponent	Greg Johnson gjohnsonconsulting@gmail.com
Proposal Status	SC review
Subcommittee	CE Envelope
Subcommittee Notes	**Reason**: Studies performed for this committee by PNNL has shown thermal bridging is a significant contributor to energy performance degradation in buildings. Mandatory requirements for thermal bridge mitigations are needed to ensure improvements in building energy performance occur in a reasonable time frame. Moving the thermal bridging requirements to an appendix will result in an excessive delay to widespread adoption. There is sufficient time for the industry to understand and adjust the requirements of the code, especially since the performance requirement created by the thermal bridging provisions is not very stringent. Many in the architectural, engineering and construction community are pushing for these provisions to be mandatory, and are ready for them. Similar or more stringent requirements have been put in place in Seattle and British Columbia without adoption issues.
Recommendation	**Disapprove**
Vote	**Disapprove** 9-5-3
Recommendation Date	12/15/22
Next Step	To Subcommittee To Advisory Group_____ To Consensus Committee_____X_____
Consensus Committee	

Committee Response	
Vote	Affirmative_____ Negative_____ Table_____ To Subcommittee_____
Date	

International Energy Conservation Code
Code Change Proposal Tracking Sheet

Proposal #	CED1-136-22 Thermal bridges in above-grade walls
CDP ID #	812
Code	IECC CE
Code Section(s)	C402.7
Location	base
Proponent	Vladimir Kochkin vkochkin@nahb.org
Proposal Status	SC review
Subcommittee	CE Envelope
Subcommittee Notes	**Reason**: Major types of thermal bridges that have a significant effect on energy performance and other factors should be mitigated in climate zone 4 because of the benefits to energy savings, resilience, durability, and comfort in much of that zone. Thermal bridging mitigation provisions have been adopted in New York City and Seattle which are also in climate zone 4. The ASHRAE 90.1 thermal bridging requirements also cover climate zones 4-8, and which also considered cost-effectiveness.
Recommendation	**Disapprove**
Vote	**Disapprove** 11-4-3
Recommendation Date	12/15/22
Next Step	To Subcommittee To Advisory Group_____ To Consensus Committee_____X_____
Consensus Committee	
Committee Response	
Vote	Affirmative_____ Negative_____ Table_____ To Subcommittee_____
Date	

International Energy Conservation Code
Code Change Proposal Tracking Sheet

Proposal #	CED1-096-22 ASHRAE 90.1 to thermal bridging
CDP ID #	730
Code	IECC CE
Code Section(s)	C402.1
Location	base
Proponent	Martha Vangeem martha.vangeem@gmail.com
Proposal Status	SC review
Subcommittee	CE Envelope
Subcommittee Notes	*Chair report:* Chair requests that the IECC Commercial Committee review and vote on this subject, because no consensus could be reached at the Subcommittee. Individual subcommittee members will present their own rationale, but some members were in favor of providing designers the option to use an equivalent or more stringent alternative from ASHRAE 90.1, whereas other members were concerned about referencing a different standard and/or just a subsection of ASHRAE 90.1.
Recommendation	The subcommittee was split and could not come to consensus.
Vote	**approve as submitted** Fails: 8-8-2 **disapprove**. Fails: 7-8-3
Recommendation Date	12/15/22
Next Step	To Subcommittee To Advisory Group_____ To Consensus Committee_____
Consensus Committee	
Committee Response	

Vote	Affirmative_____ Negative_____ Table_____ To Subcommittee_____
Date	

International Energy Conservation Code
Code Change Proposal Tracking Sheet

Proposal #	CED1-097-22 ACI/TMS Code-122.1-21 for thermal bridging
CDP ID #	732
Code	IECC CE
Code Section(s)	C402.1
Location	base
Proponent	Martha Vangeem martha.vangeem@gmail.com
Proposal Status	SC review
Subcommittee	CE Envelope
Subcommittee Notes	**Reason**: ACI/TMS 122.1 exempts climate zone 4, so including it as an optional compliance path would create an inconsistency with the current language and prior action on CED1-136.
Recommendation	**Disapprove**
Vote	**Disapprove** 9-6-1
Recommendation Date	12/15/22
Next Step	To Subcommittee To Advisory Group_____ To Consensus Committee_____X_____
Consensus Committee	
Committee Response	
Vote	Affirmative_____ Negative_____ Table_____ To Subcommittee_____
Date	

International Energy Conservation Code
Code Change Proposal Tracking Sheet

Proposal #	CED1-093-22 Remove thermal bridging references
CDP ID #	691
Code	IECC CE
Code Section(s)	C402.1
Location	base
Proponent	Martha Vangeem martha.vangeem@gmail.com
Proposal Status	SC review
Subcommittee	CE Envelope
Subcommittee Notes	**Reason**: Studies performed for this committee by PNNL has shown thermal bridging is a significant contributor to energy performance degradation in buildings. Mandatory requirements for thermal bridge mitigations are needed to ensure improvements in building energy performance occur in a reasonable time frame. Waiting 3 years for the next code update cycle is too long of a time. There is sufficient time for the industry to understand and adjust to the requirements of the code, especially since the performance requirement created by the thermal bridging provisions is not very stringent. Many in the architectural, engineering and construction community are pushing for these provisions to be mandatory, and are ready for them. Similar or more stringent requirements have been put in place in Seattle and British Columbia without adoption issues.
Recommendation	**Disapprove**
Vote	**Disapprove** 12-1-4
Recommendation Date	12/15/22
Next Step	To Subcommittee To Advisory Group_____ To Consensus Committee_____X_____
Consensus Committee	
Committee Response	

Vote	Affirmative_____ Negative_____ Table_____ To Subcommittee_____
Date	

International Energy Conservation Code
Code Change Proposal Tracking Sheet

Proposal #	CED1-087-22 Building thermal envelope
CDP ID #	716
Code	IECC CE
Code Section(s)	C105.2.2
Location	base
Proponent	Jay Crandell jcrandell@aresconsulting.biz
Proposal Status	SC review
Subcommittee	CE Envelope
Subcommittee Notes	**Reason Statement**: This proposal clarifies the inspection of thermal bridges, and also corrects a section title.
Recommendation	**Approve as submitted**
Vote	**Approve as submitted** 13-0-4
Recommendation Date	12/15/22
Next Step	To Subcommittee To Advisory Group_____ To Consensus Committee_____X_____
Consensus Committee	
Committee Response	
Vote	Affirmative_____ Negative_____ Table_____ To Subcommittee_____
Date	

International Energy Conservation Code
Code Change Proposal Tracking Sheet

Proposal #	CED1-158-22 Boiler Controls
CDP ID #	664
Code	IECC CE
Code Section(s)	C403.3.4
Location	base
Proponent	Michael Tillou michael.tillou@pnnl.gov
Proposal Status	SC review
Subcommittee	CE Envelope
Subcommittee Notes	**Reason Statement**: This proposal combines CED1-158-22 and CED1-159-22. Most of the changes are to add clarity. The 30 percent power at 50 percent speed for the fan was removed because boiler fans maintain constant pressure and do not move a long a system curve.
Recommendation	**Approve as modified** **See full proposal below**
Vote	**Approve as modified** 9-0-2
Recommendation Date	12/15/22
Next Step	To Subcommittee To Advisory Group_____ To Consensus Committee_____X_____
Consensus Committee	
Committee Response	
Vote	Affirmative_____ Negative_____ Table_____ To Subcommittee_____
Date	

Revise as follows:

C403.3.4 Boilers. Boiler Systems shall comply with the following:

1. Combustion air positive shut-off shall be provided on all newly installed boiler systems that ~~comply~~ meet ~~with~~ one or more of the following conditions ~~as follows~~:

   1.1 ~~All boiler systems with an~~ The total input capacity is no less than ~~of~~ 2,500,000 Btu/h (732 kW) and ~~above~~ one or more of ~~in which~~ the boilers ~~is~~ are designed to operate with a nonpositive vent static pressure.

   1.2 Any stack serving the ~~All~~ *boiler systems* ~~is~~ is connected to ~~where one stack serves~~ two or more boilers with a total combined input capacity ~~per stack~~ of not less than 2,500,000 Btu/h (732 kW).

2. ~~Each n~~Newly installed boilers or *boiler systems* with a ~~Boiler system~~ combustion air fans ~~with~~ motors ~~*nameplate horsepower* rating of~~ 10 horsepower (7.46 kW) or ~~larger~~more shall comply with ~~meet~~ one of the following ~~for newly installed boilers~~:

   2.1 The fan motor shall be variable speed, or

   2.2 The fan motor shall include controls that ~~limit the fan motor demand to no more than 30 percent of the total design wattage at~~ modulate fan airflow as a function of the load to a minimum speed of 50 percent or less of design air volume.

C403.3.4.1 Boiler oxygen concentration controls. Newly installed boilers with an input capacity of no less than 5,000,000 Btu/h (1465 kW) and steady state full-load less than 90 percent shall maintain stack-gas oxygen concentrations not greater than the values specified in Table C403.3.4.1. Combustion air volume shall be controlled with respect to measured flue gas oxygen concentration. The use of a common gas and combustion air control linkage or jack shaft is ~~prohibited~~not permitted.

Exception: These concentration limits do not apply where 50 percent or more of the boiler system capacity serves Group R-2 occupancies.

TABLE C403.3.4.1 BOILER OXYGEN CONCENTRATIONS

Boiler ~~System~~ Application	~~Minimum~~ Maximum stack-gas oxygen concentration[a]
Commercial Boilers or w~~W~~here ≤ 10% of the boiler system capacity is used for process applications at design conditions	5%
Process boilers	3%

a. Concentration levels measured by volume on a dry basis over firing rates of 20 to 100 percent.

International Energy Conservation Code
Code Change Proposal Tracking Sheet

Proposal #	CED1-168-22 Clarification Occupied Standby Controls
CDP ID #	665
Code	IECC CE
Code Section(s)	C403.7.8
Location	base
Proponent	Michael Tillou michael.tillou@pnnl.gov
Proposal Status	SC review
Subcommittee	CE Envelope
Subcommittee Notes	**Reason Statement**: This modification improves the language of this section.
Recommendation	**Approve as modified** **See the full proposal below**
Vote	**Approve as modified** 12-0-1
Recommendation Date	12/15/22
Next Step	To Subcommittee To Advisory Group_____ To Consensus Committee_____X_____
Consensus Committee	
Committee Response	
Vote	Affirmative_____ Negative_____ Table_____ To Subcommittee_____
Date	

Revise as follows:

C403.7.8 Occupied standby controls. Occupied-standby controls, in accordance with C403.7.8.1 ~~and C403.7.8.2~~, shall be ~~are~~ required for each zone of a system that complies with the following: ~~zones and systems serving zones where all spaces served by the zone are required to have occupant sensor lighting controls by Section C405.2.1 and are an ASHRAE Standard 62.1 occupancy category where the ASHRAE Standard 62.1 Ventilation Rate Procedure allows the ventilation air to be reduced to zero when the space is in occupied-standby mode.~~

1. All spaces served by the zone are required to have occupant sensor lighting controls in accordance with C405.2.1.
2. ASHRAE Standard 62.1 Ventilation Rate Procedure allows the ventilation air to be reduced to zero in all spaces served by the zone during ~~occupied-standby mode~~ *occupied-standby mode*. Spaces meeting these criteria include:

~~**Spaces meeting these criteria include:**~~

~~1.~~ 2.1 Post-secondary classrooms/lecture/training rooms

~~2.~~ 2.2 Conference/meeting/multipurpose rooms

~~3.~~ 2.3 Lounges/breakrooms

~~4.~~ 2.4 Enclosed offices

~~5.~~ 2.5 Open plan office areas

~~6.~~ 2.6 Corridors

Exception: Zones that are part of a Multiple zone system without automatic zone flow control dampers.

C403.7.8.1 Occupied Standby Zone Controls. ~~For zones meeting the occupied-standby control criteria, within~~ Within five (5) minutes of all ~~rooms~~ spaces in that zone entering ~~occupied-standby mode~~ *occupied-standby mode*, the zone control shall operate as follows:

1. Active heating set point shall be setback ~~at least~~ by not less than 1°F (0.55°C).
2. Active cooling set point shall be setup ~~at least~~ by not less than 1°F(0.55°C).
3. All airflow supplied to the zone shall be shut off whenever the space temperature is between the active heating and cooling set points.
4. Multiple zone systems shall comply with C403.7.8.1.1

~~**Exception: Multiple zone systems without automatic zone flow control dampers.**~~

C403.7.8.~~2~~1.1 Multiple Zone System ~~Occupied Standby System~~ Controls. Multiple zone systems required to ~~that can~~ automatically reset the effective minimum outdoor air setpoint, per Section C403.6.6, ~~and that serve zones with occupied-standby zone controls~~ shall reset the effective minimum outdoor air set-point based on a zone outdoor air requirement of zero for all zones in ~~occupied-standby mode~~ *occupied-standby mode*. Sequences of operation for system outside air reset shall comply with an approved method.

International Energy Conservation Code
Code Change Proposal Tracking Sheet

Proposal #	CED1-160-22 Change HVAC systems to Heating and Cooling Systems
CDP ID #	623
Code	IECC CE
Code Section(s)	C403.4.6.2, C403.4.2.3, and C403.4.7
Location	base
Proponent	Mike Moore mmoore@statorllc.com
Proposal Status	SC review
Subcommittee	CE Envelope
Subcommittee Notes	**Reason Statement**: This modification improves the language of this section.
Recommendation	**Approve as submitted**
Vote	**Approve as submitted** 7-2-1
Recommendation Date	12/15/22
Next Step	To Subcommittee To Advisory Group_____ To Consensus Committee_____X_____
Consensus Committee	
Committee Response	
Vote	Affirmative_____ Negative_____ Table_____ To Subcommittee_____
Date	

International Energy Conservation Code
Code Change Proposal Tracking Sheet

Proposal #	CED1-164-22 Clarify DR Controls are Only for Electric Heating and Cooling
CDP ID #	857
Code	IECC CE
Code Section(s)	C403.4.6
Location	base
Proponent	Shannon Corcoran corcoransm@att.net
Proposal Status	SC review
Subcommittee	CE Envelope
Subcommittee Notes	**Reason Statement**: The proposal clarifies that this section only applies to electric heating and cooling systems.
Recommendation	**Approve as modified** **C403.4.6 Demand responsive controls.** Electric heating and cooling systems ~~Buildings~~ shall be provided with demand responsive controls capable of executing the following actions in response to a demand response signal: 1. Automatically increasing the zone operating cooling set point by the following values: 1°F (0.5°C), 2°F (1°C), 3°F (1.5°C), and 4°F (2°C). 2. Automatically decreasing the zone operating heating set point by the following values: 1°F (0.5°C), 2°F (1°C), 3°F (1.5°C), and 4°F (2°C). Where a demand response signal is not available the heating and cooling system controls shall be capable of performing all other functions. Where thermostats are controlled by direct digital control including, but not limited to, an energy management system, the system shall be capable of demand responsive control and capable of adjusting all thermal set-points to comply. The demand responsive controls shall comply with either Section C403.4.6.1 or Section C403.4.6.2 Exceptions: 1. Group I occupancies 2. Group H occupancies 3. Controls serving data center systems 4. Occupancies or applications requiring precision in indoor temperature control as approved by the code official ~~5. Controls that serve only fossil fuel~~ gas or ~~fuel oil equipment~~
Vote	**Approve as modified** 8-2-1

Recommendation Date	12/15/22
Next Step	To Subcommittee To Advisory Group_____ To Consensus Committee_____X_____
Consensus Committee	
Committee Response	
Vote	Affirmative_____ Negative_____ Table_____ To Subcommittee_____
Date	

International Energy Conservation Code
Code Change Proposal Tracking Sheet

Proposal #	CED1-192-22 Renewable and load management credit update
CDP ID #	717
Code	IECC CE
Code Section(s)	C406.1.2
Location	base
Proponent	Reid Hart reid.hart.pe@gmail.com
Proposal Status	SC review
Subcommittee	CE Model, Metrics
Subcommittee Notes	This proposal would reduce the average renewable and load management credits from 60 to 40 across all climate zones to align with other base code changes. The modeling SC did not support this approach.
Recommendation	
Vote	Approve-2, Disapprove-11, Abstain-1
Recommendation Date	12/19/22
Next Step	To Subcommittee To Advisory Group_____ To Consensus Committee_____X_____
Consensus Committee	
Committee Response	
Vote	Affirmative_____ Negative_____ Table_____ To Subcommittee_____
Date	

International Energy Conservation Code
Code Change Proposal Tracking Sheet

Proposal #	CED1-194-22 E02 15% UA reduction
CDP ID #	728
Code	IECC CE
Code Section(s)	C406.2 Table
Location	base
Proponent	Reid Hart reid.hart.pe@gmail.com
Proposal Status	SC review
Subcommittee	CE Model, Metrics
Subcommittee Notes	After passage of CEPI-193, the E02 Credit (15% UA reduction) was reanalyzed based on feedback. This result is a significant increase, as an unweighted average, in credits. The SC unanimously supported this proposal.
Recommendation	Approve
Vote	Approval-15, Disapproval-0, Abstain-1
Recommendation Date	12/19/22
Next Step	To Subcommittee To Advisory Group_____ To Consensus Committee_____X_____
Consensus Committee	
Committee Response	
Vote	Affirmative_____ Negative_____ Table_____ To Subcommittee_____
Date	

International Energy Conservation Code
Code Change Proposal Tracking Sheet

Proposal #	CED1-076-22 Additional lighting power allowance
CDP ID #	851
Code	IECC CE
Code Section(s)	C405.3.2.2.1
Location	base
Proponent	Jonathan McHugh jon@mchughenergy.com
Proposal Status	SC review
Subcommittee	CE Elec, Light
Subcommittee Notes	This proposal clarifies the existing requirements of the section. This has no impact on cost.
Recommendation	AS MODIFIED 2. For spaces in which lighting is specified to be installed in addition to the general lighting for the purpose of decorative appearance or for highlighting art or exhibits, the additional lighting power allowance for that space shall be the smallest ~~wattage~~ of the following:
Vote	9 - 0 - 2
Recommendation Date	December 19, 2022
Next Step	To Subcommittee To Advisory Group_____ To Consensus Committee_____X_____
Consensus Committee	
Committee Response	
Vote	Affirmative_____ Negative_____ Table_____ To Subcommittee_____
Date	

International Energy Conservation Code
Code Change Proposal Tracking Sheet

Proposal #	CED1-007-22 Construction Documents definition
CDP ID #	718
Code	IECC CE
Code Section(s)	C202
Location	base
Proponent	Jay Crandell jcrandell@aresconsulting.biz
Proposal Status	SC review
Subcommittee	CE Admin
Subcommittee Notes	
Recommendation	Reason Statement: To keep defintion in the IECC-C consistent with the other family of I-Codes and ASHRAE 189.1.
Vote	Disapproved 9-0-1
Recommendation Date	12/20/2022
Next Step	To Subcommittee To Advisory Group_____ To Consensus Committee_____
Consensus Committee	
Committee Response	
Vote	Affirmative_____ Negative_____ Table_____ To Subcommittee_____
Date	

International Energy Conservation Code
Code Change Proposal Tracking Sheet

Proposal #	CED1-008-22 Equipment building criteria
CDP ID #	852
Code	IECC CE
Code Section(s)	C402.1.1.3
Location	base
Proponent	Daniel Carroll daniel.carroll@dos.ny.gov
Proposal Status	SC review
Subcommittee	CE Admin
Subcommittee Notes	It was noted that technical and editorial revisions are needed in the five list items. The committee recommends the Envelope Subcommittee consider review of these list items.
Recommendation	Reason Statement: To ensure consistency in charging language used throughout the code when all provisions must be met.
Vote	Disapproved 8-0-1
Recommendation Date	12/20/2022
Next Step	To Subcommittee To Advisory Group_____ To Consensus Committee_____
Consensus Committee	
Committee Response	
Vote	Affirmative_____ Negative_____ Table_____ To Subcommittee_____
Date	

International Energy Conservation Code
Code Change Proposal Tracking Sheet

Proposal #	CED1-012-22 C505.1 reference
CDP ID #	806
Code	IECC CE
Code Section(s)	C505.1
Location	base
Proponent	Daniel Carroll daniel.carroll@dos.ny.gov
Proposal Status	SC review
Subcommittee	CE Admin
Subcommittee Notes	
Recommendation	Reason Statement: To correct pointer to the applicable section required for compliance.
Vote	Approved as Submitted 8-0-1
Recommendation Date	12/20/2022
Next Step	To Subcommittee To Advisory Group_____ To Consensus Committee_____
Consensus Committee	
Committee Response	
Vote	Affirmative_____ Negative_____ Table_____ To Subcommittee_____
Date	

International Energy Conservation Code
Code Change Proposal Tracking Sheet

Proposal #	CED1-013-22 ASHRAE 140 reference
CDP ID #	792
Code	IECC CE
Code Section(s)	Chapter 6
Location	base
Proponent	Emily Toto etoto@ashrae.org
Proposal Status	SC review
Subcommittee	CE Admin
Subcommittee Notes	It was noted that footnotes to Tables C505.2.2 and C505.24 may need revision or removal. The committee intends to verify the requirements for occupancy class and use outlined in the tables.
Recommendation	Reason Statement: To ensure compliance with the most current requirements of the referenced standard.
Vote	Approved as Submitted 8-0-1
Recommendation Date	12/20/2022
Next Step	To Subcommittee To Advisory Group_____ To Consensus Committee_____
Consensus Committee	
Committee Response	
Vote	Affirmative_____ Negative_____ Table_____ To Subcommittee_____