

Exhibit A

City of Tucson Amendments to the 2024 International Energy Conservation Code

Commercial Provisions

Chapter 1 [CE] Scope and administration. REVISE Chapter by DELETING all of Part 2 - Administration and enforcement, except for Section C104.1.1 Above code programs. (Deleted sections are administered by 2024 IBC, Chapter 1)

Section C101.1 Title. Insert:[name of jurisdiction] as “City of Tucson”.

Section C101.4 Compliance. REVISE Section by ADDING an exception as follows:

Exception: Group R-2 buildings, when defined as a Commercial Building per Section C202, shall have the option of complying under the Residential Provisions of this code, regardless of height. If defined as such on the submittal documents, all components of the Residential Provisions of this code shall be followed.

Section ~~C102.1.1~~ C104.1.1 Above code programs. REVISE Section by ADDING the following at the end of the paragraph: Compliance with the Net-Zero Energy Standard shall be deemed to comply with this code.

Section ~~C402.1.1~~ C402.1.1.1 Low-energy buildings. REVISE Section by ADDING item #4-3: Structures not intended for public occupancy that have openings in the thermal envelope during business operations and do not utilize air conditioning such as repair garages, fabrication shops, warehouses, or similar facilities.

Section C403.1.1 Calculations of heating and cooling loads. REVISE Section by ADDING the following at the end of the paragraph: Not required for emergency replacement of cooling and heating equipment where there are no alterations, additions, or changes of occupancy, the equipment does not increase in capacity, and the equipment was installed prior to January 1, 2013.

Table C403.3.2(1) Minimum efficiency requirements. REVISE Table by DELETING the first row and REPLACING with the following:

<u>Air conditioners, air cooled</u>	<u>< 45,000 Btu/h</u>	<u>All</u>	<u>Split system, single phase</u>	<u>14.3 SEER2</u>	<u>AHRI 210/240 - 2023</u>
<u>Air conditioners, air cooled</u>	<u>≥ 45,000 Btu/h and < 65,000 Btu/h</u>	<u>All</u>	<u>Split system, single phase</u>	<u>13.8 SEER2</u>	<u>AHRI 210/240 - 2023</u>

<u>Air conditioners, air cooled</u>	<u>> 65,000 Btu/h</u>	<u>All</u>	<u>Split system, three phase and Single package</u>	<u>13.4 SEER2</u>	<u>AHRI 210/240 - 2023</u>
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Section C405.2.4 Daylight responsive controls. REVISE Section by DELETING item 1 and REPLACING with the following:

1. Daylight responsive controls shall not be required in secondary sidelit daylight zones.

Section C405.11 Voltage drop. REVISE Section by DELETING the words “customer-owned service conductors.”

Section C405.12 Automatic receptacle control function. REVISE Section by DELETING Section in its entirety.

Section C405.13 Energy monitoring. REVISE Section by DELETING Section in its entirety.

Section C405.15 Renewable energy systems. REVISE Section by DELETING Section in its entirety.

Section C406.1 Compliance (Additional efficiency, renewable and load management requirements). REVISE Section by DELETING items 1–3 and REPLACING with the following:

1. Buildings with greater than 50,000 square feet (4,645 m²) of conditioned floor area shall comply with Section C406.1.1.
2. Buildings with greater than 100,000 square feet (9,290 m²) of conditioned floor area shall comply with Section C406.1.1 and C406.1.2.
3. Build-out construction greater than 50,000 square feet (4,645 m²) of conditioned floor area that does not have final lighting or final HVAC systems installed under a prior building permit that was obtained after July 1, 2025, shall comply with Section C406.1.1.2.

Section C407.2 Mandatory requirements. REVISE Section by DELETING the last two sentences of Item 2, DELETING Equation 4-34 in its entirety, and REPLACING Equation 4-34 with the following:

$$\text{PAEC} = 100 \times (1 - EC_r / 1,000)$$

Section C408 Maintenance information and system commissioning. REVISE Section by DELETING Section in its entirety.

Section C502.2 Change in space conditioning. REVISE Section by ADDING a third Exception as follows:

3: A lawfully occupied space with evaporative cooling being converted to air conditioning when the roof assembly is fully insulated.

Section C502.3.7 Additional energy efficiency credit requirements. REVISE Section by DELETING the words “1,000 square feet (93 m²)” and REPLACING with the words “50,000 square feet (4,645 m²).”

Residential Provisions

Chapter 1 [RE] Scope and administration. REVISE Chapter by DELETING all of Part 2 - Administration and enforcement, except for Section R104.1.1 Above code programs. (Deleted Sections are administered by 2024 IBC, Chapter 1).

Section R101.1 Title. Insert:[name of jurisdiction] as “City of Tucson”.

Section ~~R102.1.1~~ R104.1.1 Above code programs. REVISE Section by ADDING the following at the end of the paragraph: Compliance with the Net-Zero Energy Standard shall be deemed to comply with this code.

ADD new Section R302.2 to read:

Section R302.2 Exterior design conditions.

Table R302.1

Exterior Design Conditions

City of Tucson, Arizona		
CONDITION		
Winter	Design Dry Bulb Temp	32° F <u>35° F (1.67° C)</u>
Summer	Design Dry Bulb Temp	105° F <u>(40.56° C)</u>
	Design Wet Bulb Temp	66° F <u>(18.89° C)</u>
Climate zone		2B

Table ~~R402.1.4~~ ~~R402.1.2~~ Equivalent U-Factors Maximum assembly U-factors and fenestration requirements. REVISE the ~~Section~~ Table by ADDING the following footnote ~~a~~ b:

In climate zone 2, an un-insulated earth mass wall with a maximum U-factor of 0.14 shall be deemed in compliance (for computing the U-factor, an R value of 0.3 per inch shall be used for adobe and rammed earth).

Section ~~R402.4.1.2~~ ~~R402.5.1.2~~ Testing Air leakage testing. REVISE Section by DELETING the third sentence and REPLACING with the following:

Testing shall be conducted by individuals holding current certification for such testing from Residential Energy Services Network (RESNET), Building Performance Institute (BPI) or other *approved* agencies.

Section R404.2 Interior lighting controls. REVISE Section by DELETING Section in its entirety.

Section R404.3 Exterior lighting controls. REVISE Section by DELETING Section in its entirety.