



**BSR/ASHRAE/IES Addendum cu
to ANSI/ASHRAE/IES Standard 90.1-2022**

Public Review Draft

Proposed Addendum cu to Standard 90.1-2022, Energy Standard for Sites and Buildings Except Low- Rise Residential Buildings

**First Public Review (April 2025)
(Draft Shows Proposed Changes to Current Standard)**

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ASHRAE, 180 Technology Parkway NW, Peachtree Corners, GA 30092

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FOREWORD

This addendum provides changes to the EV readiness language to align with the NEC 2023. This modifies addendum AZ that is published online at <https://www.ashrae.org/technical-resources/standards-and-guidelines/standards-addenda>

Cost Effectiveness

There is no cost impact.

[Note to Reviewers: This addendum makes proposed changes to the current standard. These changes are indicated in the text by underlining (for additions) and ~~strikethrough~~ (for deletions) except where the reviewer instructions specifically describe some other means of showing the changes. Only these changes to the current standard are open for review and comment at this time. Additional material is provided for context only and is not open for comment except as it relates to the proposed changes.]

Addendum cu to 90.1-2022

3. DEFINITIONS, ABBREVIATIONS, AND ACRONYMS

[...]

electric vehicle space (EV space): a parking space that is provided with a dedicated means of power transfer between an *EV* and power supply for the purpose of charging *EV* batteries.

[...]

3.3 Abbreviations and Acronyms

[...]

8.2 Compliance Paths.

8.4 Mandatory Provisions

[...]

8.4.5 Minimum Requirements for ~~AC~~ Electric Vehicle Spaces. *Electric vehicle spaces shall comply with all of the following:*

- a. Branch circuits serving *EV spaces* shall have a rated voltage of not less than 208 V.
- b. In *nonresidential* buildings, branch circuits serving *EV spaces* ~~charging of electric vehicles~~ shall have conductors sized to deliver a continuous duty load of not less than ~~6.6~~ 7.2 kVA or the nameplate of the equipment, whichever is larger, to each *EV space* and shall have circuit overcurrent protection sized to serve the load in accordance with NFPA 70.
- c. Each *EVSE* shall be capable of being controlled by a building management system or grid services aggregator.

13. NORMATIVE REFERENCES

[...]

<u>Reference</u>		<u>Section</u>
NFPA 70-2020 <u>3</u>	National Electric Code	6.5.1, 8.4.3.1, 8.4.3.2, <u>8.4.5</u>