



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

Public Review Draft

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

**Second Public Review (November 2024)
(Draft Shows Proposed Independent Substantive
Changes to Previous Public Review Draft)**

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FOREWORD

This independent substantive change (ISC) modifies the addendum to exempt buildings in climate zone 8 from the on-site renewable energy requirements based upon updated cost effectiveness analysis. It also corrects an editorial mistake in Section 10.5.1.3 for the term IRE_{ON} where certain words were mistakenly not deleted in the I-P version, but were correctly deleted in the SI version. This term relates to the credit for any partial amount on-site renewable energy installed on a building when calculating the amount of off-site renewable energy required to be procured, not the system capacity requirement referred to in Section 10.5.1.1.

[Note to Reviewers: This public review draft makes proposed independent substantive changes to the previous public review draft. 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 previous draft 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 substantive changes.]

Addendum aq to 90.1-2022

Modify Section 10.5 as shown:

10.5 Prescriptive Compliance Path

10.5.1 Renewable Energy Resources. *Buildings shall be served by renewable energy resources in accordance with either Section 10.5.1.1 or Section 10.5.1.2 or a combination thereof in accordance with Section 10.5.1.2.*

Exceptions to 10.5.1:

- Buildings or additions in which the sum of the gross conditioned floor area of the three largest floors of the building or addition is less than 10,000 ft² (930 m²).*
- Buildings or additions in Climate Zone 8.*
- ~~Alterations.~~*
- ~~Projects meeting the requirements of Section 10.5.1.4.~~*

...

10.5.1.3 Off-Site Renewable Energy Procurement.

...

(I-P edition)

IRE_{ON} = on-site renewable energy generation installed capacity in W or Btu/h ~~in accordance with Section 10.5.1.1~~

(SI edition)

IRE_{ON} = on-site renewable energy generation installed capacity in W

Rest of section unchanged