



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

Public Review Draft

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

**Second Public Review (April 2025)
(Draft Shows Proposed Independent Substantive
Changes to Current Standard)**

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FOREWORD

This ISC to addendum BU revises Table G3.2.3.17, Inputs for Elevator Consumption Calculations, to correctly specify the input for buildings taller than three stories. The informative note now provides further guidance on how to select the elevator usage category.

[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 bu to 90.1-2022

Table G3.2.3.17 Inputs for Elevator Consumption Calculations

Usage category	Very low	Low	Medium	High	Very high	Extremely high
Trips per day (nd)	50	125	300	750	1500	2500
Number of stopping floors	Percentage of Average Travel Distance					
2	1	1	1	1	1	1
3	0.67	0.67	0.67	0.67	0.67	0.67
4>3	0.49	0.49	0.49	0.44	0.39	0.32

Informative Note: Below are the buildings typically associated with each usage category in Table G3.2.3.17. Projects should pick the usage category that best aligns with expected building operation.

Usage category	Very low	Low	Medium	High	Very high	Extremely high
Typical buildings	<ul style="list-style-type: none"> Residential building up to 6 dwellings Residential care home Small office or administrative building with few operations Suburban railway stations 	<ul style="list-style-type: none"> Residential building up to 20 dwellings Small office or administrative building with 2 to 5 floors Small hotels Office parking lots General parking lots Library Entertainment centers Main line railway stations Stadia 	<ul style="list-style-type: none"> Residential building with up to 50 dwellings Medium- sized office or administrative building with up to 10 floors Medium-sized hotel Airports University Small hospital Shopping center 	<ul style="list-style-type: none"> Residential building with more than 50 dwellings Large office or administrative building with more than 10 floors Large hotel 	<ul style="list-style-type: none"> very large office or administrative building over 328 ft (100 m) height 	<ul style="list-style-type: none"> very large office or administrative building over 328 ft (100 m) height