



**California Energy Commission  
April 12, 2023 Business Meeting  
Backup Materials for Agenda Item No 03f:  
Integrated Environmental Solutions Virtual Environment (IES VE) Title 24 2022  
Compliance Software, Version 1.0, 2022 Energy Code**

The following backup materials for the above-referenced agenda item are available as described below:

1. Proposed Resolution, attached below.
2. [IES VE Title 24 2022 1.0 Ruleset Implementation Test Summary](https://efiling.energy.ca.gov/GetDocument.aspx?tn=249504&DocumentContentId=84108)  
[https://efiling.energy.ca.gov/GetDocument.aspx?tn=249504&DocumentContentId=84108]
3. [IES VE Title 24 2022 1.0 Sensitivity Test Results Summary](https://efiling.energy.ca.gov/GetDocument.aspx?tn=249502&DocumentContentId=84110)  
[https://efiling.energy.ca.gov/GetDocument.aspx?tn=249502&DocumentContentId=84110]
4. [IES VE Title 24 2022 1.0 Sensitivity Test Narrative](https://efiling.energy.ca.gov/GetDocument.aspx?tn=249501&DocumentContentId=84111)  
[https://efiling.energy.ca.gov/GetDocument.aspx?tn=249501&DocumentContentId=84111]
5. [IES VE Title 24 2022 1.0 Self Certification Statement](https://efiling.energy.ca.gov/GetDocument.aspx?tn=249503&DocumentContentId=84109)  
[https://efiling.energy.ca.gov/GetDocument.aspx?tn=249503&DocumentContentId=84109]

For the complete record, please visit: [2022 Energy Code Compliance Software & Supporting Documents Docket](https://efiling.energy.ca.gov/Lists/DocketLog.aspx?docketnumber=22-BSTD-02)  
[https://efiling.energy.ca.gov/Lists/DocketLog.aspx?docketnumber=22-BSTD-02].

STATE OF CALIFORNIA

STATE ENERGY RESOURCES  
CONSERVATION AND DEVELOPMENT COMMISSION

RESOLUTION APPROVING THIRD-PARTY NONRESIDENTIAL COMPLIANCE  
SOFTWARE INTEGRATED ENVIRONMENTAL SOLUTIONS VIRTUAL  
ENVIRONMENT (IES VE) TITLE 24 2022 VERSION 1.0 FOR THE 2022 ENERGY  
CODE

**WHEREAS**, the Warren-Alquist State Energy Resources Conservation and Development Act, Public Resources Code sections 25000 et seq., 25402.1(b), requires the California Energy Commission (CEC) to, among other things, establish a process for certifying calculation methods for demonstrating compliance with its building energy efficiency standards; and

**WHEREAS**, as allowed by the *2022 Building Energy Efficiency Standards* (Energy Code), California Code of Regulations, Title 24, Part 1, Chapter 10, sections 10-109(c) and 10-110, an application was submitted to approve IES VE Title 24 2022 Version 1.0 as an alternative calculation method (ACM); and

**WHEREAS**, staff of the CEC reviewed and tested IES VE Title 24 2022 Version 1.0 to ensure it meets the requirements, specifications, and criteria for building energy models set forth in the *2022 ACM Approval Manual*, CEC-400-2022-014-CMF (August 2022).

**THEREFORE BE IT RESOLVED**, that the CEC approves IES VE Title 24 2022 Version 1.0, pursuant to Energy Code section 10-109, for estimating energy consumed by nonresidential new-construction buildings as specified in Public Resources Code section 25402.1(a), and for demonstrating compliance with the performance-based nonresidential new-construction provisions of the *2022 Energy Code*, California Code of Regulations, Title 24, Parts 1 and 6; and

**FURTHER BE IT RESOLVED**, that the CEC directs the executive director or their designee to take all actions reasonably necessary to implement this resolution, including as follows:

- Post information on the CEC's public website as to how to obtain IES VE Title 24 2022;
- Ensure that IES VE Title 24 2022, a nonresidential ACM, is maintained and revised to accurately estimate the energy use of nonresidential buildings; and

- Review and approve updates to vender software, consistent with Section 1 of the *2022 ACM Approval Manual*.

**CERTIFICATION**

The undersigned Secretariat to the CEC does hereby certify that the foregoing is a full, true, and correct copy of a resolution duly and regularly adopted at a meeting of the CEC held on April 12, 2023.

AYE:

NAY:

ABSENT:

ABSTAIN:

Dated:

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Liza Lopez  
Secretariat