

REVISION RECORD FOR THE STATE OF CALIFORNIA SUPPLEMENT

July 1, 2024

2022 Title 24, Part 6, California Energy Code

General Information:

1. The date of this Supplement is for identification purposes only. See the History Note Appendix on the backside or accompanying page.
2. This supplement is issued by the California Building Standards Commission in order to provide new and/or replacement pages containing recently adopted provisions for the 2022 California Energy Code, California Code of Regulations, Title 24, Part 6. Instructions are provided below.
3. Health and Safety Code Section 18938.5 establishes that only building standards in effect at the time of the application for a building permit may be applied to the project plans and construction. This rule applies to both adoptions of building standards for Title 24 by the California Building Standards Commission, and local adoptions and ordinances imposing building standards. The new building standards provided with the enclosed blue supplement pages must not be enforced before the effective date.
4. Not all code text on the enclosed blue supplement pages is a new building standard. New, amended, or repealed building standards are identified by margin symbols. An explanation of margin symbols is provided in the code before the Table of Contents.
5. You may wish to retain the superseded material with this revision record so that the prior wording of any section can be easily ascertained.

Title 24, Part 6

Remove Existing Pages

vii and viii

305 and 306

Insert Blue-Colored Pages

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150.1(c)9, 150.1(c)10, 150.2(b)1D, 150.2(b)1E,
150.2(b)1F, 150.2(b)1M, 160.2(a)1, 160.2(b)2B,
160.3(b)5, 160.3(c)2H, 170.2(c)3B, 180.1(b)3,
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120.2(j), 120.2(k), 140.4(c)2, 140.4(d),
140.4(k)6, 160.3(a)2, 170.2(c)4A, B, I

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140.3(d), 140.4(e)2D, 150.1(c)4,
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DIRECTIONAL INLETS 110.4(b)

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120.6(h)3, 130.0(a), 130.5(a), 130.5(b), 140.4(f),
140.4(k)8, 141.0(a), 141.0(b)2P, 150.1(c)8, 9,
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160.3(c), 160.6(b), 160.9(c)2A, 170.2(c)3B, 4D,
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120.5(b), 120.8(b), 120.8(d), 130.4(c), 140.3(d),
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DORMITORY 130.0(b), 160.5(a)

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160.1(a)2, 170.2(a)1B

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150.0(o)1, 150.1(c)9B, 150.2(a),
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150.2(b)1L, 150.2(b)2, 160.2(b)2A,
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170.2(c)3B, 180.1, 180.2(b)2, 5

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160.3(b)5E, 160.3(c)2E

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**DX-DOAS UNITS, SINGLE-PACKAGE AND
REMOTE CONDENSER – MINIMUM
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E

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ECONOMIZER CONTROLS 120.5(a)4, 140.4(e)2,
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**ECONOMIZER TRADE-OFF TABLE FOR
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150.0(m)12, 13, 150.0(o)2C, Table 150.0-A,
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160.2(b)1D, 160.2(b)2, 160.3(b)5L, 160.5(a)1A,
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160.2(c), 160.5(b)4, 170.2(e)2C, 4B

ELECTRIC

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Cooktop 150.0(u), 160.9(b)

Demand 110.4(b)

Furnace 110.2(d)

Power distribution 160.6

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ELECTRICAL

Boxes 150.0(k)1, 160.5(a)1E
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 160.6(b), 180.2(b)4B
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ELECTRICALLY OPERATED VARIABLE

**REFRIGERANT FLOW (VRF) AIR
 CONDITIONERS MINIMUM EFFICIENCY
 REQUIREMENTS** Table 110.2-G

**ELECTRICALLY OPERATED VARIABLE
 REFRIGERANT FLOW AIR-TO-AIR
 AND APPLIED HEAT PUMPS – MINIMUM
 EFFICIENCY REQUIREMENTS** Table 110.2-H

**ELECTRONIC MESSAGE CENTER
 (EMC) CONTROL** . . 110.12(d), 130.3(a)3, 160.5(d)3

**ELECTRONICALLY
 COMMUTATED MOTOR** . . . 110.10(b)1, 120.6(a)3,
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EMBEDDED FAN 120.10(a)

EMERGENCY BACKUP 140.4(g), 170.2(c)4E

EMITTANCE 10-113, 110.8(i), 110.8(j),
 140.3(a)1A, 141.0(b)2B, 150.1(c)11,
 150.2(b)1I, 170.2(a)1A, 180.2(b)1A

ENCLOSED KITCHEN 150.0(o),
 Table 150.0-E, 160.2(b)2A

ENCLOSED PARKING GARAGE . . 120.6(c), 160.2(d)

ENCLOSED SPACE 140.3(c), 141.0(b)2I,
 141.1(c)3, 170.2(b), 180.2(b)4B

ENCLOSURE LEAKAGE . . . 150.0(o)1C, 150.1(b)3B,
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ENERGY

Budget 10-104(b), 140.0(c), 140.1(a), 140.1(b),
 140.1(c), 141.0(b)3, 150.1(b)1, 150.1(b)2,
 150.1(b)3, 150.2(a)2A, 150.2(b)2, 170.1(a),
 170.1(b), 170.1(c), 170.1(d), 180.1(b)1, 180.2(c)

Commission 110.0(b), 110.1(b), 110.1(c),
 110.2(e), 110.2(f), 110.6(a), 120.2(i),
 120.6(e)1, 140.0(c), 140.1(b),
 140.1(c), 140.3(a)6E, 140.3(a)9,
 140.3(c), 140.4(b)1, 140.4(e)2,
 150.0(o)1G, 150.1(a), 150.1(b),
 150.1(b)1, 150.1(c)10, 160.2(b)2A,
 160.3(a)2H, 170.1(b), 170.2(a)3B,
 170.2(c)3B, 170.2(c)4D

Commission directory 150.0(h), 150.0(p)

Consumption 141.0(c), 150.1(b), 180.3

Design rating (EDR) 150.1(b)1, 150.1(b)3

Efficiency goals 120.8(b)

Efficiency ratio (EER) rating 150.1(b)3

Efficient combination 120.6(e)

Features 141.0(a)2, 150.2(a)2B, 180.1(b)2

Management Control System (EMCS) 110.2(c),
 110.2(e), 110.12(b), 120.2(a), 120.2(i)6,
 120.5(a)17, 130.0(e), 130.4(b)2,
 140.9(c)3, 150.0(i), 150.0(k)2, 150.0(k)3,
 160.3(a)1, 160.3(a)2A, 160.3(d)1,
 160.5(a)2, 160.5(b)3, 160.5(e)2B

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 140.4(q), 140.9(b)2B, 150.0(m)12,
 150.0(o)2C, 160.2(b)1, 160.2(b)2,
 160.2(c)1A, 160.2(c)8, 160.3(d)2,
 170.2(c)3B, 170.2(c)4

Recovery bypass . . . 140.4(q), 170.2(c)4N, 170.2(c)4O

Recovery requirements by Climate Zone
 and percent outdoor air at full design
 airflow (<8,000 hours / year) Table 140.4-J,
 Table 170.2-I

Recovery requirements by Climate Zone
 and percent outdoor air at full design
 airflow (8,000 hours / year) Table 140.4-K,
 Table 170.2-J

Star program . . . 110.10(b)1A, 110.10(b)1B, 140.9(a)4

Storage System (ESS) 140.4(i), 140.4(j),
 150.0(s), 170.2(c)4

Use 120.3(c), 130.5(a), 140.4(a)1, 140.4(e),
 140.4(f), 141.0(a)2, 150.2(a)2B, 160.3(c)1,
 160.6(a), 170.2(c)1, 170.2(c)4, 180.1(b)2

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 110.9(d), 110.10(a), 120.5(a), 120.6(a)7,
 120.6(b)6, 120.6(c)8, 120.6(e)6, 120.6(f)5,
 120.6(g)2, 120.6(i)4, 130.1(a), 130.1(c)1,
 130.4(a), 140.0(c), 140.3(a)8, 140.3(d)2,
 140.9(b)3, 140.9(c)3-4, 160.2(a), 160.3(d)1,
 160.3(d)2, 160.5(b)4, 160.5(e)1

ENTIRE BUILDING 110.10(b)1B, 120.1(d)2,
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 150.2(b), 160.2(c)5B, Equation 170.2-B,
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ENVELOPE COMPONENT PACKAGE – MULTIFAMILY STANDARD BUILDING DESIGN Table 170.2-A

ENVELOPE COMPONENT REQUIREMENTS 140.3(a), 170.2(a)

ENVELOPE LEAKAGE 150.0(o), 160.2(b)2A

EQUATION

140.3-A 140.3(a)5

140.3-B 140.3(a)5

140.3-D 140.3(d)2, 140.3(d)3, 170.2(a)3A

140.4-A 140.4(c)1

150.1-C 150.1(c)14

EQUIPMENT 170.2(c)3

Expectations 120.8(b)

Loads 140.4(b)9, 170.2(c)2I

Maintenance 110.8(g)2, 120.3(b), 120.4(f), 150.0(m)9, 160.3(b)5I, 160.3(c)1A, 160.3(c)2G, 160.4(f)1

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Sizing 140.4(b), 150.0(h), 160.3(b)1, 170.2(c)2

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EVAPORATIVE

Condenser Table 110.2-F, 120.6(a)4G, 120.6(a)7C, 140.4(h), 170.2(c)4F

Cooler 150.0(m)12, 160.2(b)1

Evaporative-cooled condenser 120.6(a)4, 120.6(b)1

System 120.6(a)4, 140.4(m), 170.2(c)4K

EVAPORATOR 110.2(a), 120.6(a)3, 120.6(a)7

EVAPORATOR COIL 150.0(m)13, 150.2(b)1F, 160.3(b)L, 180.2(b)2A

EVAPORATOR FAN 120.6(a)3, 120.6(a)7

EXCHANGE AIR 150.0(m)7, 160.3(b)G

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EXFILTRATION 100.1, 110.7, 120.7(a)3A, 150.0(a), 160.1(a)3

EXHAUST 120.1(c)4, 120.1(d)3, 120.1(e), 120.2(f), Table 120.1-A, 140.4(c)1, 180.3(b)5B

Air heat recovery 120.1(g)2E-3, 140.a(e)1, 140.4(q), 170.2(c)4O, 160.2(b)2B, 160.2(c)8B, 160.2(c)8C(ii)(i)

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HISTORY NOTE APPENDIX

2022 California Energy Code California Code of Regulations, Title 24, Part 6

HISTORY:

For prior code history, see the History Note Appendix to the *California Energy Code*, 2019 Triennial Edition, effective January 1, 2020.

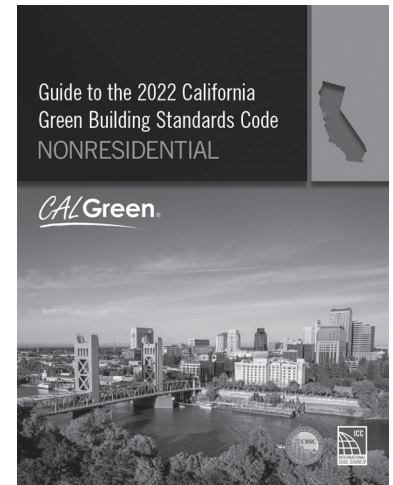
1. (CEC 04/21)—Repeal the 2019 adoption of the *California Energy Code*, CCR Title 24, Part 6 and adopt the 2022 *California Energy Code*, effective on January 1, 2023.
2. Erratum to correct editorial errors in Subchapters 1–14, effective January 1, 2023.
3. 2022 Intervening Code Update to add Index to the 2022 *California Energy Code*, effective July 1, 2024.

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