Start Here

Is your building type listed below?
- One- and two-family dwellings and townhouses
- Groups R-2, R-3, and R-4 three stories or less

Yes  No  See 2018 IECC [RE]

Is the project in a Stretch Code Community?

Yes  No

Is this a New Construction project?

Yes  No  See Chapter 5 for exceptions

Is your building >100,000 sqft or a supermarket, laboratory, or conditioned warehouse >40,000 sqft?

Yes  No

Stretch Code
10% improvement over ASHRAE 90.1-2013 Appendix G

Plus 3 Additional Options

ASHRAE 90.1-2016

Choose a path

2018 IECC [CE]

Prescriptive
- Building Envelope (Section 5.1-5.4, 5.5 or 5.6, 5.7-5.9)
- HVAC (Section 6)
- Service Water Heating (Section 7)
- Power (Section 8)
- Lighting (Section 9)
- Other Equipment (Section 10)

Performance
- Section 11: Energy Cost Budget Method or Appendix G: Performance Rating Method
- Mandatory Sections 5.4, 6.4, 7.4, 8.4, 9.4, 10.4

Prescriptive
- Building Envelope (C402)
- Building Mechanical Systems (C403)
- Service Water Heating (C404)
- Electric Power and Lighting Systems (C405)
- Additional Efficiency Package Options (C406)
- Commissioning (C408)

Performance
- Energy Rating Index (ERI) for Multi-family Buildings (C407.1.1) and ERI-based Compliance (C407.3) OR Passive House or PHIUS (C407.1.2)
- Rooftop Solar Readiness (C402.3)
- Electrical Power and Lighting Systems (C405)
- Compliance Software Tools (C407.4)
- Documentation (C407.5)
- Verification by Approved Agency (C407.6)
- Building Commissioning (C408)

Plus 3 Additional Options

C406.1. Choose 3 Additional Efficiency Package Options:
- More efficient HVAC
- Reduced lighting power density
- Enhanced lighting controls
- On-site renewable energy
- Dedicated outdoor air system
- High-efficiency service water heating
- Enhanced envelope performance
- Reduced air infiltration
- Renewable space heating
- Type IV heavy timber construction

1 COMcheck documentation required for all compliance paths
2 Site or source method may be used per MA C401.2.2
3 Additional Efficiency Package Options must be used in the standard reference design
4 R-use buildings ≤4 stories may comply with the residential stretch code (AA103.1)