


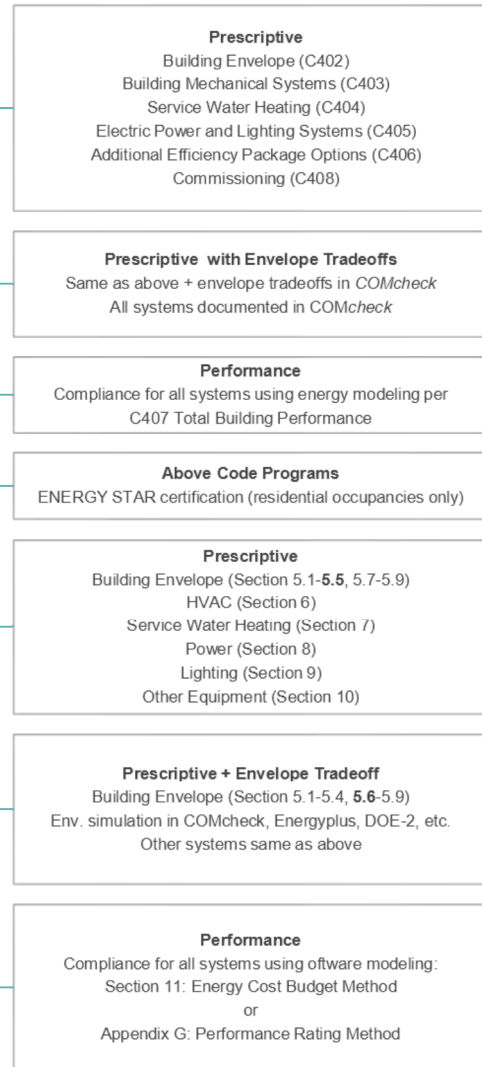
**IBC Scope/IECC  
 Commercial  
 2018 IECC [CE]  
 ASHRAE 90.1-2016**

**Buildings *other than*:**  
 One- and two-family dwellings and townhouses  
 and  
 Groups R-2, R-3, and R-4 three stories or less

**2018 IECC [CE]**  
 All sections designated as  
 "mandatory"  
  
 one of the following options

**ASHRAE 90.1-2016**

**ENERGY CODE COMPLIANCE PATHS**



# IBC Scope/IECC Residential

## 2018 IECC [RE]

One- and two-family dwellings and townhouses four or more stories and Groups R-2, R-3, and R-4 three stories or less

**2018 IECC [RE]**

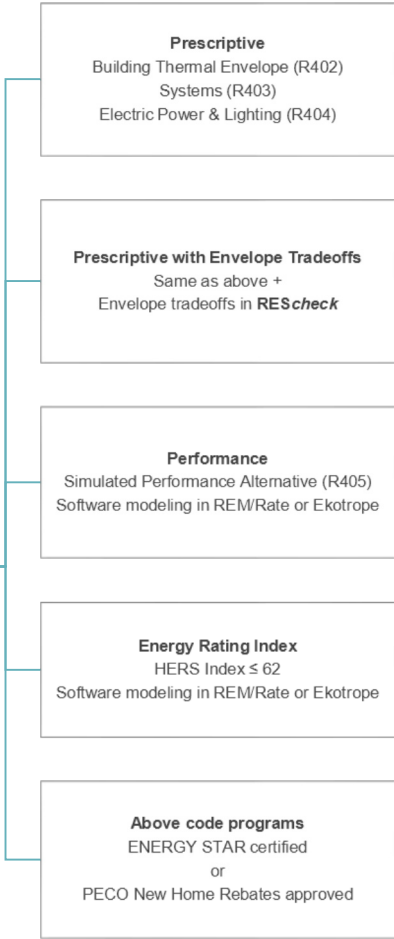
All sections designated as mandatory (below)

+

one option to the right

**Mandatory requirements:**

- Certificate (R401.3)
- Air leakage (R402.4)
- Controls (R403.1)
- Duct sealing (R403.3.2)
- Duct testing (R403.3.3)
- Building cavities (R403.3.5)
- Mechanical system pipe insulation (R403.4)
- Heated water circulation and temperature maintenance systems (R403.5.1)
- Mechanical ventilation (R403.6)
- Equipment sizing and efficiency rating (R403.7)
- Systems serving multiple dwelling units (R403.8)
- Snow melt and ice system controls (R403.9)
- Pools and permanent spas (R403.10)
- Portable spas (R403.11)
- Lighting equipment (R404.1)



# IRC Scope Buildings

## 2015 IECC [RE]

One- and two-family dwellings, townhouses three stories or less

**2015 IECC [RE]**  
 All sections designated as mandatory (below)

+

one option to the right

**Mandatory requirements:**  
 Certificate (R401.3)  
 Air leakage (R402.4)  
 Controls (R403.1)  
 Duct sealing (R403.3.2)  
 Duct testing (R403.3.3)  
 Mechanical system pipe insulation (R403.4)  
 Heated water circulation and temperature maintenance systems (R403.5.1)  
 Mechanical ventilation (R403.6)  
 Equipment sizing and efficiency rating (R403.7)  
 Systems serving multiple dwelling units (R403.8)  
 Snow melt and ice system controls (R403.9)  
 Pools and permanent spas (R403.10)  
 Portable spas (R403.11)  
 Lighting equipment (R404.1)

**Prescriptive**  
 Building Thermal Envelope (R402)  
 Systems (R403)  
 Electric Power & Lighting (R404)

**Prescriptive with Envelope Tradeoffs**  
 Same as above +  
 Envelope tradeoffs in **REScheck**

**Performance**  
 Simulated Performance Alternative (R405)  
 Software modeling in REM/Rate or Ekotrope

**Energy Rating Index**  
 HERS Index ≤ 62  
 Software modeling in REM/Rate or Ekotrope

**Above code programs**  
 ENERGY STAR certified  
 or  
 PECO New Home Rebates approved