

# Massachusetts Residential Energy Code Training

## *For Building Professionals Working in Acton, Concord, or Lexington*

Updates to the Residential Stretch Energy Code went into effect on January 1, 2023 and the Municipal Opt-In Specialized Code will go into effect on January 1, 2024 for many MA communities that have voted to adopt it. **The Towns of Acton, Concord, and Lexington are hosting two in-person trainings for building professionals that will cover the recent and upcoming changes to the codes and what it means for your work.** The trainings will be run by PSD Consulting and have been approved for continuing education for MA code officials and CSL licensees. See detailed course descriptions below—please note that discussion of the new Specialized Code will be covered in Course 1.

The trainings are free for participants, but registration is required and attendance will be capped at 50 participants.

### [Course 1: 2023 Residential Stretch Code Overview \(3 hours\)](#)

Tuesday, December 5

1:00 – 4:00 PM

Town of Action Public Safety Facility, EOC

371 Main St, Acton MA 01720

Register [here](#)

### [Course 2: Residential Existing Buildings \(3 hours\)](#)

Tuesday, December 12

1:00 – 4:00 PM

Cary Memorial Building, Battin Hall

1605 Massachusetts Ave, Lexington MA 02420

Register [here](#)

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## **Course 1: 2023 Residential Stretch Code Overview Parts 1-3 (3 hours)**

### **2023 Residential Stretch Code Overview (1 Hour)**



On January 1, 2023, the new residential stretch energy code took effect. This new energy code had no concurrency period. This presentation will highlight the salient changes to the stretch energy code. Topics discussed will include changes to compliance path options, new requirements for prescriptive path users, and changes to ERI and Passive House documentation requirements along with mandatory requirements and additional efficiency packages. Changes to Solar readiness and Electric Vehicle wiring will be discussed. The new Municipal Opt-in Specialized Code will also be addressed.

## **2023 Residential Stretch Code mandatory requirements and additional efficiency packages (1hour)**



This module will review new code provisions in the Massachusetts 10<sup>th</sup> Edition and significant changes between 2018 and 2021 IECC. The first portion of the program covers new mandatory requirements of the code and additional efficiency packages. Time will be spent discussing new requirements since the 2018 IECC. Discuss what additional efficiency packages can be used on stretch code jobs.

## **2023 Residential Stretch Code Solar Ready and EV Ready (1 hour)**



The first portion of the program covers new solar-ready provisions including scope, solar-ready rooftop area requirements, exceptions, roof orientations, documentation, interconnection pathways and roof loads, and electrical requirements. The second portion of the course covers EV ready requirements, including number of parking spaces, wiring requirements, and exceptions. Frequently asked questions for both topics will also be addressed.

## **Course 2: Residential Existing Buildings (3 hours)**

### **Residential Buildings Overview (1 hour)**



Residential renovations, alterations, repairs, and additions make up the largest proportion of building permit applications; yet confusion abounds as to how the new energy code requires HERS ratings on these projects and when it does not. This course will provide an overview of the new requirements. Solar readiness and how it applies will also be discussed. This course will cover several of the most common types of existing home projects and describe the applicability of the most important energy code provisions.

### **2023 Residential Existing Buildings, Additions (1 hour)**



This course covers how an addition is impacted by the new energy code. When does an addition require a HERS rating and when it does not. This course covers the HERS process and requirements. What is a passing score for an addition? How does Solar Ready apply to additions? Do all additions need blower door testing? Examples of different types of additions are used in the course to show when a HERS rating is needed and not needed.

### **2023 Residential Existing Buildings, Alterations (1 hour)**



This course covers how an alteration is impacted by the new energy code. When does an alteration require a HERS rating and when it does not. This course covers the HERS process and requirements. What is a passing score for an addition? How does Solar Ready apply to alterations? Examples of different types of alterations are used in the course to show when a HERS rating is needed and not needed.

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Questions? Contact Andrea Becerra ([abecerra@acton-ma.gov](mailto:abecerra@acton-ma.gov)) in Acton, Eric Simms ([esimms@concordma.gov](mailto:esimms@concordma.gov)) in Concord, or Maggie Peard ([mpeard@lexingtonma.gov](mailto:mpeard@lexingtonma.gov)) in Lexington.