

Passive House Training

Workforce development and market transformation

Take energy efficiency to a new level.

Eversource, an Energize Connecticut sponsor, in partnership with Connecticut Passive House, has launched a Passive House Training offer to support workforce development and market transformation in the energy efficiency and building construction industries. Our goal is to enhance the skill set of the energy efficiency workforce in Connecticut. You can keep up with the growing demand for high-performance housing and become certified as a Passive House builder, consultant, designer, rater, verifier or tradesperson.

What is Passive House?

Passive House design focuses on robust insulation and air tightness, high-performing glazing and simplified mechanical systems to achieve significantly lower energy use while creating a comfortable and resilient space for inhabitants.

To scale the Passive House market in Connecticut, growth is needed in the awareness and in the talent pool capable of meeting the stringent requirements of this standard in both the design and building communities. Offering viable, mature and cost-efficient training options to increase awareness and enhance workforce skills is one of the critical components to advancing energy efficiency implementation efforts and furthering energy-saving building construction across commercial and residential sectors.

Passive House Training provides up-to-date credentials to builders, consultants, designers, raters, tradespeople and verifiers from the Passive House Institute US (PHIUS) and the Passive House Institute (PHI).

Additionally, the new Passive House Training offer creates a cost-effective pathway for business partners to invest in workforce training and professional development. A multi-pronged training approach offered by Eversource, an Energize CT sponsor, will minimize, and in many cases eliminate, the cost burden to participants.



Training Channels

Lunch & Learns

Target Audience: Architects, builders, contractors, designers, developers, engineers, financing agencies and municipal officials

For developers and general contracting firms that need a high-level introduction to Passive House standards, development costs, project delivery and more

This 1- to 2-hour event is presented at no cost to participants and is Continuing Education Unit (CEU)-eligible for Passive House credentials.

Building Science Workshops

Target Audience: Architects, builders, developers, engineers, estimators, general contractors, project teams and subcontractors

Covering building science best practices, quality assurance and more

This half-day training event is offered at no cost to participants and is Continuing Education Unit (CEU)-eligible for Passive House credentials.

Passive House Accreditations

Target Audience: Passive House builders, consultants, designers, raters, tradespeople and verifiers

Offer 50% cost reimbursement to participants upon successful completion of certification. Requires submission of reimbursement application in our website link below.

Goal of 95 new Passive House certifications by December 2021

Training time varies based on the training course selected. Limit two participants per company per training course.

We are excited to provide this Passive House Training offer. Our goal is to enhance the skill set of the energy efficiency workforce in Connecticut. You can keep up with the growing demand for high-performance housing and become certified as a Passive House builder, consultant, designer, rater, verifier or tradesperson.

Passive House Training

The examples below highlight an array of Passive House Trainings. Learn more by contacting PassiveHouseTrainingCT@icf.com.

Lunch & Learns

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| Passive House 101: An Introduction to Passive Buildings | Humidity & Moisture Control in Multi-Family Passive Houses |
| Passive House 201: Technical Aspects of Passive Buildings | Ventilation Strategies in Passive House |
| Passive House Incentive & Feasibility Study Overview | Ventilation Demand Control Systems |
| Internal & Solar Heat Gain in Multi-Family | Passive House Multi-Family Case Studies |
| Passive House Process: The Path to Certification | Next Generation HVAC Solutions: Hybrid VRF Design and Water Loops |

Building Science Workshops

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| Quality Assurance/Quality Control Techniques for Ensuring Success | Cost Estimation for Passive House |
| The Passive House Affordable Design Manual | Embodied Carbon for Passive House: Tools & Materials |
| Carpentry and HVAC Subcontractor Workshop | Passive House Verification: What to Expect When You're Expecting a Passive House |
| Heat Pumps Best & Worst Practices: Designing, Installing, and Operating Air Sourced Heat Pumps | Passive House Advanced Construction for Builders, Contractors, Trades, Subs, and Project Teams |
| Pattern Language from Passive House | Airtightness Testing for Large Buildings |
| Lessons Learned: Avoiding Common Mistakes for Multi-Family Passive House | Passive House for Municipalities |

Ready to get started? We are here to help:

1-833-389-1923 • PassiveHouseTrainingCT@icf.com • EnergizeCT.com/Passive-House

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