



# NANTUCKET BUILDERS ASSOCIATION

Presents a Continuing Education Course for all Construction Supervisors Licensees

## Efficient, Effective, and Code Compliant HVAC and DHW

**Wednesday, January 9, 2019; 5:00-8:00pm**

**Presented by:**

Bobby De Sousa  
*Energy Code Specialist*  
PSD Consulting

**Where:**

The Faregrounds Restaurant  
27 Fairgrounds Road  
Nantucket, MA

**Mechanical Systems and Service Water Heating (1 hour)**

Mechanical systems and service water heating systems are key elements to energy performance of residential buildings. This course covers code provisions with the highest energy impacts and suggestions for verifying compliance during plan reviews and inspections.

**Equipment Sizing: Manuals J and S (1 hour)**

This course covers Manual S requirements and why following Manual S would not only lower energy bills, but also increase comfort. The discussion will include the ACCA design process, Manual J load calculation process & modeling which is the first step in sizing equipment properly, Manual S oversizing provisions, available software tools to carry out Manual S calculations, and ends with a case study demonstrating how the Manual J and Manual S process works.

**Duct Sealing, Testing, and Design (1 hour)**

This course discusses code requirements for duct testing, prescriptive duct leakage requirements, duct insulation and sealing requirements. With a discussion on best practices in duct insulation, the presenter will discuss Manual D which is a process to design duct systems and required by code.

**This course has been approved by the Massachusetts BBRS for:  
3 Hours of *ENERGY***

**Anyone can attend this meeting free of charge.**

**There is a \$25.00 fee for members of the Nantucket Builders Association and  
\$75.00 for non-members who wish to obtain *CEU credits*.**

Please pre-register at: [www.nantucketbuildersassociation.org](http://www.nantucketbuildersassociation.org)

Questions? Email: [Admin@NantucketBuildersAssociation.org](mailto:Admin@NantucketBuildersAssociation.org)



TOWN OF  
NANTUCKET  
ENERGY OFFICE



# PUBLIC INFORMATIONAL SESSION

To better inform the community about the Citizen's Warrant Article for "Stretch Code Adoption," the Town of Nantucket presents:

## "The Stretch Energy Code: Overview, Compliance & Existing Buildings"

**Thursday, January 10, 2019; 9:00-10:30am**

**Presented by:**

Bobby De Sousa  
*Energy Code Specialist*  
PSD Consulting

**Where:**

Public Safety Facility  
Community Room  
4 Fairgrounds Road; Nantucket, MA

**Stretch Code Overview and Compliance Options (1 hour)**

This course discusses energy code provisions specific to the Massachusetts stretch code, including the three available compliance paths – RESNET HERS, Passive House and ENERGY STAR. The presenter will also discuss how renewable energy tradeoffs for technologies such as solar PV, solar thermal systems, clean biomass stoves, or renewable primary heating systems. Available software programs and required documentation for each of these compliance paths will be examined.

**The Stretch Code and Existing Buildings (.5 hour)**

Two-thirds of all towns in Massachusetts are Stretch Code towns and residential renovations, alterations, repairs, and additions make up the largest proportion of building permit applications. Despite this, confusion abounds as to how the Stretch Code applies to existing buildings, such as when duct testing is required, how should ducts be insulated, and blower door testing requirements. 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.

**Open & Free to the Public**

Please pre-register at: <https://bit.ly/2LERG6t>

**Questions?**

**Email: Lauren Sinatra [LSinatra@nantucket-ma.gov](mailto:LSinatra@nantucket-ma.gov), or call 508-325-5379**