

Newport Ventures, in conjunction with NYSERDA provides education and support for Energy Code stakeholders throughout New York State.

INSIDE THE ENERGY CODE



Light It Right!

Lighting requirements are one item that has quietly become increasingly more stringent with each edition of the International Energy Conservation Code. New York's current code requires that 50% of residential lighting had to be considered “high efficacy.” However, as New York is expected to update it's code to the 2015 IECC, the requirement for high efficacy lighting will be increased to a **mandatory 75%!**

When we discuss “high efficacy” bulbs or fixtures, we are primarily talking about three types of lighting; LEDs, CFLs, and linear fluorescent lamps. Most of us are familiar with CFLs and linear fluorescents because they have been the go-to-choice for an energy efficient bulb in recent past and are fairly easy to identify. However, the lighting landscape is changing and LEDs are starting to become more and more prevalent in residential lighting. Advancements in technology have increased LED product lines and declining prices are making this lighting technology a more viable, and more efficient option.

Adding steam to the LED movement, GE **recently announced** that they will stop making CFLs by the end of the year and make a complete transition to LED technology. Major retail outlets such as Sam's Club, Walmart, and Ikea have also been moving away from CFLs and replacing them on the shelves with LEDs. Additionally, the US Department of Energy and EnergyStar both have **proposed new lighting standards** that will make it harder for CFLs to

qualify.

As LEDs begin to take over the residential lighting market it becomes critical for building professionals to understand what they are looking at or looking for. Identifying whether a bulb or fixture is an LED is not as simple as looking for the squiggly shape of a CFL. Many LED technologies are designed to have the same look as a traditional incandescent and some are even designed to look like a vintage Edison filament bulb. Integrated LED technologies are also becoming more prevalent particularly in vanity fixtures, ceiling surface mounts, and under-cabinet lighting.

The bottom line is that we are all responsible for ensuring the homes in New York meet the **MANDATORY** lighting requirements of the Energy Code. Builders and Trade Professionals must understand what their options are for “high-efficacy” lighting and Code Officials must know what to look for and enforce it.

Learn more about lighting by checking out our **[NYSERDA LED Lighting Demonstration Project!](#)**



Upcoming Trainings

Below is a list of training courses currently scheduled by Newport Ventures. If you are interested in attending or hosting a training, contact us at **energyservices@newportventures.net**

Code Official Courses

3/31	Binghamton, NY	2015 ECCCNYS for Commercial Buildings
6/15	Oneida, NY	2015 ECCCNYS for Residential Buildings

Builder and Trades Courses

3/3	Latham, NY	Building Science Behind the ECCCNYs
3/3	Latham, NY	ECCCNYs & High-Performance Buildings & Programs



The Code Coach

Our Energy Code experts are ready to answer your questions on both commercial and residential provisions of ECCCNYs. Check out our **Code Coach Services!**

Monday-Friday

8:30AM-4:30PM

518-377-9410

EMAIL



Congratulations to Robert Tunningley for correctly answering last month's trivia question. Robert will receive a \$5 Starbucks gift card for his correct answer.

February Trivia Question

When inspecting a home, a code official notices that none of the windows have an NFRC sticker and there is no other documentation specifying the performance metrics of the windows. According to the Energy Code, what values must the code official use for the window U-value and SHGC?



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