

## **Energy Pricing** (2 hrs)

for SW Ohio, Northern KY & SE Indiana

by John F Robbins CEM / CSDP

2.0 continuing education hours for engineers, contractors, designers and energy professionals

### **Course Description**

Home and building engineers, designers, contractors, consultants and business managers often need to advise their companies and customers about

- energy investments to achieve reductions in energy use and/or demand
- accurately estimated avoided conventional energy costs
- financial “paybacks” from energy savings over time
- how to order energy recommendations to prioritize better investments

**Energy Pricing** provides a substantial overview of local energy pricing, summarizing residential, small and large commercial pricing as well as average energy costs per purchased energy content (BTUs per dollar) in SW Ohio from Dayton to Cincinnati, Northern Kentucky (NKY) from Covington to Lexington and SE Indiana. For example, in July 2012, energy values (expressed in equivalent average BTUs per dollar) in this region varied over 8:1 between heating oil, liquid propane (LP), electricity and natural gas. Electricity prices just in Greater Cincinnati varied more than 3:1 according to utility company, customer class, how many kWhs are used per month and the ratio of kWhs used to kW of demand.

This course teaches students

- how to use current and correct energy prices in their cost and savings estimates
- how similar usage or usage reductions have sometimes very different values based on which energy is being used or avoided.
- how energy prices have varied in recent history. All prices presented in this course are regularly updated, at least twice per year.

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