

Commercial Building Energy Auditing Modules 2A and B

Quiz 2

1. The term Energy Efficiency Measure is the preferred term used by ASHRAE to describe the actions and equipment by which building energy efficiency is improved.
 - a. True
 - b. False
2. A room has a LPD of 1.5 W/sf. The room floor area is 1000 s.f. Calculate the energy saved in kWh if the lights are ON 24 hrs/day 365 days/year and the LPD is reduced to 1.2 W/sf.
 - a. 2628 kWh
 - b. 2,628,000 kWh
 - c. 2.6 kWh
 - d. 2.6 kW
3. In Question 2 above, what is the reduction in Demand?
 - a. 1.3 kW
 - b. 0.3 kW
 - c. 1300 kW
 - d. 130 kW
4. Calculate the DD for a day that has an ADT of 50°F.
 - a. 30 DD
 - b. 15 DD
 - c. 0 DD
 - d. Not enough information to determine
5. Energy modeling simulation is generally used for Level 3 Audits.
 - a. True
 - b. False