



## **EMA Commemorates 50<sup>th</sup> Earth Day Anniversary with Salute to Energy Efficiency** *Notes Engineering Shortage, Urges Young Engineers to Take up Energy Management Profession*

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(Washington, DC, April 22, 2020)—On the 50<sup>th</sup> anniversary of [Earth Day](#), the Energy Management Association ([EMA](#)) saluted the millions of concerned citizens who have supported the occasion over the past half-century. EMA is also calling attention to an often-forgotten facet of conservation: energy efficiency.

EMA partner ENERGYSTAR estimates that [30 percent of the energy consumed by US buildings is wasted](#). Considering that the [building sector consumes 40 percent of all energy consumed in the US](#), there is obviously an enormous conservation opportunity within our grasp. After all, the cheapest, cleanest kilowatt of energy, is the one that was not consumed. Energy efficiency offers a proven remedy for energy waste, said the group.

Noting that there is already a serious [shortage of engineers in the US](#), EMA urged rising science and technology students to enter the energy management field and commended them to a free resource on its website: [“Essential Techniques and Calculations for Energy Managers & Commissioning Authorities”](#) a two-hour webinar that reviews calculations, formulas and unit conversions needed for ASHRAE level audits and commissioning activities. Among the many topics covered are establishing energy baselines, analyzing utility consumption, energy performance benchmarks, and identifying/evaluating energy conservation measures (ECMs).

EMA is the administrator of the [Energy Management Professional Certification](#) (EMP) which has achieved accreditation by the American National Standards Institute (ANSI) and is a recognized certification by the Department of Energy's Better Buildings<sup>®</sup> Workforce program. [EMPs](#) work on energy retrofit projects over the world that result in reduced energy consumption, greenhouse gas emissions and extend the life of building mechanical systems, further reducing energy use associated with the manufacture of replacements.

EMA is a trade association dedicated to providing education, training and certification in the field of building and facility energy efficiency.