Solar and Wind Pumping Workshop
July 31, 2014
College Station, Texas

Conducted by the
Texas A&M School of Irrigation
Irrigation Technology Center
DATE AND TIME
July 31, 8:30 am -5:00 pm

Course Fee
$165

COURSE DESCRIPTION

Renewable Energy for Landscape Irrigation
(Solar and Wind Pumping Workshop)

This course will provide instruction on renewable energy methods available to operate landscape irrigation systems. Energy costs are projected to rise in the future as fossil fuels are depleted. As a result, both the public and private sectors are turning towards renewable energy to provide power for the future. Solar and wind energy technologies are emerging in Texas and across the country as the two leading sources of renewable energy. The goal of this course is to teach students how to design and operate pumping systems that utilize wind and solar energy. Students will also learn how to determine peak irrigation water requirements, calculate irrigated area and determine water storage requirements.

WHO SHOULD TAKE THIS COURSE

This course is essential for anyone responsible for designing or managing irrigation systems on urban landscapes such as residential lawns, sports fields, parks, commercial properties and golf courses. The course will also benefit municipalities and city water utility personnel, particularly those interested in developing urban water conservation programs and compliments existing rainwater capture programs.

This course is approved for Texas Nursery Landscape Association (TNLA) Education Credits, 8 Hours.

CONTINUING EDUCATION CREDIT

The TCEQ has approved the offered course for 8 hours of continuing education credits for Licensed Irrigators.

What To Bring

Students should bring a calculator and materials for taking notes. While not necessary, students are welcome to bring lap top computers for use in this class.

The Texas A&M School of Irrigation is a program of the Texas A&M AgriLIFE Extension Service and the Irrigation Technology Program, administered through the Biological and Agricultural Engineering Department, Texas A&M University, College Station.

Educational programs conducted by the Texas AgriLife Extension Service serve people of all ages regardless of socioeconomic level, race, color, sex, religion, handicap or national origin. The Texas A&M University System, U.S. Department of Agriculture and the County Commissioners Courts Texas Cooperating. April 2004. http://agrilife.tamu.edu