

STAKING PRINCIPLES FOR LINE WORKERS APRIL 16 or 17, 2008

Date: Wednesday, April 16 or Thursday, April 17, 2008

Time: 9:00 a.m. - 4:30 p.m.

Registration Deadline: March 17, 2008

Fee: \$265 for 10 - 15 students
\$180 for 16 - 20 students
\$135 for 21 - 25 students
\$115 for 26 or more students

Participants will be billed following the completion of the course.

The fee for this course has been reduced thanks to a grant from the Colorado Rural Electric Operations Group.

Location: Empire Electric Association headquarters
801 North Broadway, Cortez, Colorado

Cancellation Policy: Cancellations received on or before the registration deadline will not be charged. Cancellations received after the deadline may be billed 25 percent of the registration fee.

Confirmation: A minimum of ten people must be registered for the course to be held. A letter will be faxed to all participants confirming their registration in the course.

To Register: Contact Liz Fiddles at the CREA office (303) 455-2700 ext. 103, or e-mail at liz@coloradorea.org

Audience: This course is designed for operation managers, safety managers, field personnel, power line workers, designers, inspection personnel, maintenance & construction supervisors

Instructor: Freddie Hutchens, Power Deliver Associates

STAKING PRINCIPLES FOR LINE WORKERS

The challenge faced by today's line design technician is creating a thorough design only to find that construction has taken liberty to change the specifications, often without adequate knowledge of the effects. This one-day seminar designed for linemen provides insight into the requirements of the National Electric Safety Code (NESC), as well as the importance and effect of engineering decisions. After completing this course, lineworkers will have a better understanding of the line design process and the problems that can be encountered when improperly modifying a line design. The material will be presented by a former lineman, in lineman's terms and will include presentation of real life situations that illustrate the NESC and RUS requirements. The class is designed to be an open forum for discussion while brainstorming problem-solving techniques, in addition to introducing the logic of engineering design at a relevant introductory level.

Introductory NESC Requirements & Issues • Design Standards & Criteria
Mechanics of Pole Line Design • Guy and Anchor leads •
Joint Use Issues • Sag Charts/Stringing Charts •
Importance of proper sag and tension • Calculating Ruling Span