Power Line Design & Staking Certification Program

Level IV – October 22 – 25, 2019

Course 401: Power Line Design & Staking, Level IV - 3.5 days

Who should attend: Staking Technicians; Field Personnel; Power Line Workers; Designers; Engineers; Utility Managers; Engineering Managers; System Engineers; Contractors and any others interested in this area. Pre-requisite: Successful completion of Overhead Line Design & Staking, Level I, 2 and 3

In Level IV of the Power Line Design and Staking series, students will be taken beyond the basics of power line design and staking and will focus on reliability and efficiency. They will discuss the aging power infrastructure and system reliability. Students will look at mechanical loading for multi-circuits, will learn about commercial load sizing and will be guided through the process of calculating loads on manufactured products. Students will review NESC and will learn when and how to apply Rule 250 C and D. Classroom discussion will include a brief look at how local requirements and/or RUS standards and bulletins incorporate (and compare to) NESC rules. They will spend time learning about system protection and balance, including proper protective equipment selection and placement. Students will also discuss storm preparation (hardening of the system) and recovery (getting the system back operational).

Course manual provided. NOTE: Students need to bring a copy of the current NESC to class and Power Line Design Series Kit items provided in the Level 1 course. (not included in course materials). CEUs: 2.1

Protecting the Aging Power Infrastructure • Multi-Phase Circuit Mechanical Loading • Joint Use Inspection, purpose/procedures • Commercial Load Sizing • NESC Rule 250 c-d & special instructions • Circuit Protection Basics • Circuit Protection Basics • Storm Preparation & Recovery • New Technology

Classes will be held at the OAEC Training Center from 8:30 a.m. to 4:30 p.m. Lunch provided Tuesday through Thursday (Friday hours will be 8:30 a.m. -11:30 a.m.)

A block of rooms has been reserved, at the rate of $89.00/night includes breakfast at the Home 2 Hotel 4110 Northwest Expressway, Oklahoma City, OK 73112 405-608-6094

Cost: $1,395 per person Deadline for Registration is October 8, 2019 after Deadline $100.00 late fee will apply.