

Subsurface Utility Engineering Tools, Data Management & Configuration Management Workshop

August 1 -3, 2011

Hosted at NREL, Golden, CO in cooperation with Idaho
National Lab & EFCOG Electrical Safety Task Group

Purpose

- To share specific hands-on technical knowledge in the field of Subsurface Utility Engineering Tools amongst the DOE complex
 - Locate Tools
 - Data Management
 - What do you do with the collected data from the tools
 - Configuration Management/CAD/Civil Utility Plans
 - How do you maintain the civil drawings and point information gathered from the tools? What software do you use?

Background- Expound on #84 Best Practice ONLY

- [Best Practice #75](#) - Jobsite Qualification Program for Subsurface Investigation Equipment Operators - 06/01/10
- [Best Practice #78](#) - Requesting Excavation/Penetration Permits, Data Management and Client Relations - 05/28/10
- [Best Practice #84](#) - Subsurface Investigations - 09/01/10

Agenda

August 1, Day 1, Monday

- Introduction – Welcome, Background discussion
- Each participating DOE Site will explain the specific tools and process they use for performing locates , translating the data from the tools, and the documenting process of this information into their record drawings/site plans
- Start Small Tool demonstrations

Agenda

- Day 2, August 2 , Tuesday
 - Small tool demonstrations
 - Each DOE site will physically demonstrate unique or best tools and software they use to perform indoor and outdoor locates
 - Not a demonstration of typical RF tools typically used in private practice
 - Software demonstrations
 - Each participant will demonstrate automated ways they use for software/manual translation of tool information to CAD/Record Drawings/Documentation
 - Wrap up for those not staying for large tool demonstrations on day 3

Agenda

- Day 3 Wednesday, August 3
 - Large Tool Demonstration at NREL's Wind Site