**Name:\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ Cooperative: \_\_\_\_\_\_\_\_\_\_\_\_\_**

**This sheet is due back to John McMurray,** [**john.mcmurray@secoenergy.com**](mailto:john.mcmurray@secoenergy.com) **by 2/1/13.**

**Roundtable discussion:**

This year’s conference will include a roundtable of discussions involving best practices, procedures, design standards, new technologies and more. Please rank your top five of the following items from 1 to 5, with **5 being the highest** priority item that you would like included in the roundtable discussion:

\_\_\_\_\_ AMI/AMR

\_\_\_\_\_ Distribution automation - Central control versus autonomous

\_\_\_\_\_ Substation automation – microprocessor controls (no electromechanical relays)

\_\_\_\_\_ Transmission loop (ring bus)

\_\_\_\_\_ Remote engineering access – oscillography, setting changes, event analysis

\_\_\_\_\_ High speed communication plans (radio, fiber optics - IP, etc.)

\_\_\_\_\_ Reliability in distribution design

\_\_\_\_\_ Material standardization (poles, transformers, fuses, switch cabinets)

\_\_\_\_\_ Metrics for designer productivity

\_\_\_\_\_ Inspection program – cycles for distribution poles, transmission poles, UG

\_\_\_\_\_ Outage management systems

\_\_\_\_\_ Cell phone/radio communications while driving – legislative update

\_\_\_\_\_ Alternatives to wood distribution poles (ductile iron, concrete, etc.)

\_\_\_\_\_ Process improvements/best practices

**Vendor presentations:**

Here are some topics that I thought you might be interested in. We have a presentation scheduled on SECO’s work order database but need to rank others of interest. Please use the same scale from 1 to 5, with **5 being the highest** priority presentation topic that you would like:

\_\_\_\_\_ Substation equipment testing

\_\_\_\_\_ LIDAR - modeling transmission lines in compliance with NERC regulations

\_\_\_\_\_ Smart grid - grid sensing devices & self healing networks

\_\_\_\_\_ Distribution design

\_\_\_\_\_ AMI/AMR

\_\_\_\_\_ Voltage reduction integrated with Advanced Metering Infrastructure (vendors OATI)

\_\_\_\_\_ Underground cable rehabilitation (replacement/injection – vendor Novinium)

\_\_\_\_\_ Harmonics

\_\_\_\_\_ Recloser technology

\_\_\_\_\_ Switchgear technology

\_\_\_\_\_ System planning

\_\_\_\_\_ System protection and relays

\_\_\_\_\_ Fiber optic design practices

\_\_\_\_\_ Structural design - pole, guy, wire sag & tension, ruling spans, etc.

\_\_\_\_\_ Enterprise viewer linking your GIS system with data mash-ups

\_\_\_\_\_ 3D modeling of landbase features from photos of your system (to site towers, substations, lighting areas, etc.)

\_\_\_\_\_ Integrating GIS with outage management systems

\_\_\_\_\_ FLIR – Infrared Cameras to help spot trouble areas

Please list any additional topics/speakers that you are interested in:

\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_