



Compass Rose Power Solutions Newsletter

2007 Fall Issue

YTD project activity.

- GRENLEC Grenada—
 - Electrical Testing and Certification Training
 - Live Line training
- ATCO Electric Alberta—
 - Work Procedure development
 - Staff mentoring
- PowerStream Ontario—
 - pre-apprenticeship training
 - Tension Stringing Training
 - Supervisory Communication
- Red Deer Alberta
 - Fortis Alberta sponsored Trainers Work Methods Conference
- CARILEC—Engineers Conference
- DOMLEC Dominica—
 - T&D Capabilities Assessment
- Grand Bahama Power Company—
 - Electrical Testing and Certification

Trade Internet Sites

Listed below are a few internet sites which are of interest to personnel in the lines trade.

- powerlineman.com
- fwisp.com
- luota.org
- elineman.com
- members.tripod.com

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DOMLEC Capabilities Assessment / Pre-training Assignment

A critical element of any training assignment is determining what is really necessary before actually delivering the training. This is always affected by the utility infrastructure and design, resources, vehicle, tools and equipment as well as worker capabilities.



The philosophy of 'No training is better than poor training' holds so true on every assignment, thus the importance of an assessment and putting a 'Master Plan' in place with an element of sound performance based training.

The most recent 'Capabilities Assessment' by CRPS Ltd. took place for DOMLEC in Dominica.

An absolutely stunning country rich in scenery and cultural generosity, the utility workers face daily terrain challenges that makes the most hearty of lineman gasp.

These challenges may be everything from extremely mountainous tropical terrain with up to 1000 foot spans which necessitates rugged off-road work, to narrow roads that serpentine themselves towards the customers where vehicle access is



quite limited. Even LV work poses its challenges with property lines encroaching onto the roadways and poles set in difficult to access locations.



Currently live line rubber glove work from an insulated aerial device (when accessible) minimizes system outages. The real challenges are faced where access by aerial device is not possible.

Future options in live line stick work, working directly from the pole as well as rubber glove work from an insulated pole-mounted platform, will certainly be reviewed. Typically, a minimal amount of tooling and performance based training will be necessary.

As with all utilities, safety for its workers continues to be the number one priority, clearly evident in Dominica.

Turning Point Technologies Application

Since early summer, CRPS Ltd. has been using a new style of innovative electronic technology to augment its training sessions. This technology is commonly known as an 'audience response system' in training sessions, and is linked to Power Point presentations and Excel.

It provides interactive capabilities with the course participants, in that questions that are displayed through the facilitator's presentation, or surveys and opinions expressed by the course participants, are immediately transmitted electronically via a keypad style response

card back to the facilitator's computer wireless receiver.

Besides the capabilities of assessing the information retention, it prompts participant interaction in a variety of ways.

The standard method of paper-based knowledge testing has been virtually eliminated. In addition to the benefits noted above, immediate report results are generated in a variety of categories allowing individual student responses to be compared to the entire group or a certain demographic populace.

Course participants that may struggle in a traditional testing environment — 'pen and paper style testing' are noticeably less stressed and are able to concentrate on the knowledge they have acquired.

In every session since it has been used, never has the facilitator experienced such focused efforts and concentration by the participants. They genuinely appear to enjoy the electronic gadgetry.

It is certainly leading edge technology built into training and definitely worth the investment for any training environment.