

**ETD Partnership Activity Update**  
**Panel Discussion**  
**NECA Convention – San Diego, CA**



NECA Convention - 2011

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**The ETD Partnership**



EDISON ELECTRIC INSTITUTE

OSHA

NECA

AEM  
ANNELLE & MCCOY

ASPLUNDH

MYR  
GROUP

PIKE  
ENERGY SOLUTIONS

NDJ Construction Services Group, Inc.

QUANTA SERVICES

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**General Partnership Goals**

- Analyze accident and incident data and statistics
- Identify common cause factors related to:
  - Fatalities
  - Injuries and illnesses
- Develop recommended *Best Practices* for each identified cause.
- Develop *Best Practice* implementation strategies

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### General Partnership Goals (cont.)

- Identify training criteria for workers
  - supervisors
  - linemen
  - Apprentices
- Includes training to promote industry cultural change placing value on safety and health

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### Structure of the Partnership

- Executive Committee
- Steering Committee
- Working Groups (Task Teams)
  - Task Team 1 – Data
  - Task Team 2 – Training
  - Task Team 3 – Best Practices
  - Task Team 4 – Communications

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### Executive Team

- Policy-setting body of the ETD Partnership
- Comprised of CEOs from partnership organizations
- Chair of Executive Team:
  - John Coulson, Quanta Services, Inc.
- NECA Representative:
  - Gary Tucci, Potelco, Inc.



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### Executive Committee – Current Activity

- Partnership agreement resigning January 2011
- Two-year agreement 2011 – 2013
- Additional objectives related to establishing goals, measuring progress, and achieving results aligned with OSHA expectations
- Established policies and criteria for new partners

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### Membership to the ETD Partnership

- Two levels of membership established
- Level 1 – 500 Linemen and \$50,000 dues
- Level 2 – 150 linemen and \$25,000 dues
- Linemen must meet the criteria as defined by US DOL definition of “linemen.”

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### New Members

- Mastec – Voted as new member based on action by the Executive Committee at the September 26, 2011 meeting in Charlotte, NC.
- Mastec qualifies with 671 linemen and is based in Florida.
- Potential new member – Powerline Services – Houston, TX.

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### Steering Team

- Chair of Steering Team: Frank Richard, (MDU)
- Operational arm of the Partnership
- Comprised of:
  - Safety vice presidents
  - Safety directors of member organizations



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### Partnership Working Groups – Task Teams

- Where the specific work of the ETD Partnership gets done
- Working groups formed to address specific tasks
- Tasks ongoing, progressive, and responsive to identified needs and trends
- NECA members are encouraged to participate.

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**Task Team 1 — Data Analysis**

- Chair TT1: Steve Kauffman – Henkels and McCoy, Inc.
- Objectives
  - Gather statistical data
  - Identify cause factors
  - Identify training needs
  - Monitor data trends



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**Task Team 1 — Current Activity**

- Analyzed and compiled comparison data for 2010
- Developed a data collection spreadsheet for the partnership OSHA 300 Log data collection process.
- Experimentation phase (first six months of data) in 2010.



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**Task Team 1 Current Activity**

- Currently analyzing contractors members OSHA 300 forms for trending
- The partnership is reviewing and recommending improvements to OSHA 170 forms (limited information filed by OSHA inspectors)
- Developed spreadsheet serves to manipulate the injury data for the OSHA 300 Forms

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**TT1 Data Comparison 2009 – 2010**

- Man Hours Worked 2010 – 42,634,700 (decrease)
- Man Hours Worked 2009 – 44,504,692

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**TT1 Data Comparison 2009 – 2010**

- OSHA Recordable Rate
- OSHA Recordable Injuries 2010 – 676 (increase)
- OSHA Recordable Injuries 2009 – 658
- OSHA Recordable Rate 2010 – 3.17
- OSHA Recordable Rate 2009 – 2.96



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**TT1 Data Comparison 2009 – 2010**

- Lost Workday Case Incident Rate
- Lost Work Day Cases 2010 – 188
- Lost Work Day Cases 2009 – 197
- Lost Work Day Rate 2010 – 0.88
- Lost Work Day Rate 2009 – 0.89



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**TT1 Data Comparison 2009 – 2010**

- Restricted Workday Case Incident Rate
- Number of Restricted Workday Cases 2010 – 122
- Number of Restricted Workday Cases 2009 – 116
- Number of Restricted Workday Rate 2010 – 0.57
- Number of Restricted Workday Rate 2009 – 0.52



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**TT1 Data Comparison 2009 – 2010**

- Other Recordable Incident Rate
- Number of Other Recordable Cases 2010 – 363
- Number of Other Recordable Cases 2009 – 343
- Other Recordable Incident Rate 2010 – 1.70
- Other Recordable Incident Rate 2009 – 1.54



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**TT1 Data Comparison 2009 – 2010**

Fatality Incident Rate

Number of Fatalities 2010 – 5

Number of Fatalities 2009 – 2



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**Task Team 1 — Partnership Data 2010**

- Total Man Hours decreased by 1,869,992 (4.2%)
- Total OSHA recordable cases increase of 18 (2.7%)
- OSHA recordable rate increased 0.21 (7%)
- Total lost work days decreased by 9 cases (4.5%)
- Lost workday case incident rate decreased by 1.1%



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**Task Team 1 — Partnership Data 2010**

- Restricted workday cases increased by 6 cases (5.2%)
- Restricted workday case incident rate increased by 0.05 (5.8%)
- Number of other recordable cases increased by 20 cases (5.8%)
- Other recordable case incident rate increased by 0.16 (10%)



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**Task Team 1 — Partnership Data 2010**

- Lost workday and restricted workday (DART) incident rate increased by 0.04 (2.8%)
- Number of fatalities increased by 3 (150%) 2 to 5
- Fatality rate increased by 14.47 (161%) 8.99 to 23.46



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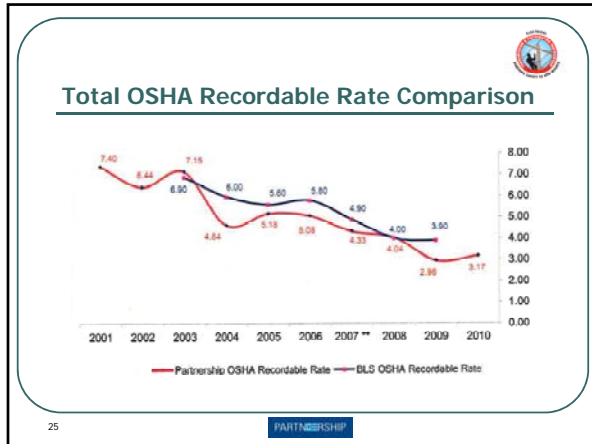
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- ### TTI Activity Moving Forward
- Continue to analyze "Worker on the Ground" incidents to determine cause factors.
  - Continue to monitor LOTO issues as they relate to BPs and future training.
  - Continue the 300 Log Project (6 months of data collected) to identify more details and cause factors.
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- Partnership

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- ### Task Team 2 — Training
- Chair TT2: James McGowen, Quanta Services, Inc.
  - Objectives
    - Develop training as needed
    - Promote training and continuing education
    - Monitoring of training workforce
  - OSHA 10-Hour Training Program
  - OSHA Supervisory Leadership Skills Outreach (SLSOT) Training Program
- Partnership

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**Task Team 2 – Current Activity**

- Issued new stamps for instructors issued in 2010
- Modified the OSHA 10 Hour training course to meet OSHA requirements.
- Issued CDs to trainers that reflect new curriculum.
- Extending training to conferences such as the NECA Convention, NTI, and NECA Safety Professionals Conference

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**Task Team 2 – Current Activity**

- Subtask group formed to investigate the needs for expanded I & I training.
- Includes input from both TT II and TT III and NJATC.
- Greg Baxter is working on being able to present the training at the OTI training centers.

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**Task Team 3 – Best Practices**

- Chair TT3: Steve Cavanaugh – MYR Group, Inc.
- Objectives
  - Develop *Best Practices* through consensus
  - Communicate *Best Practices* to the field
  - Implement methods to monitor BP implementation



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### Task Team 3 — 9 Best Practices (cont.)

- Administrative Controls
- Job Briefings
- Pre-Use Inspection of Rubber Protective Equipment
- Qualified Observer
- Insulate and Isolate Safety Performance Check



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### Task Team 3 — 9 Best Practices (cont.)

- Cradle-To-Cradle Use of Insulating Rubber Gloves
- Lock-To-Lock Use of Insulating Rubber Gloves & Sleeves
- Rubber Insulating PPE for the Live Line Tool Method on Distribution Lines
- Safety at Heights – **NEW**
  - Fall Protection on Wood Pole Structures – Complete
  - Fall Protection on Lattice Structures
  - Fall Protection for Steel and Concrete poles – In progress



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### Task Team 3 — Current Activity

- Released a new best practice on *Fall Protection on Wood Pole Structures* with implementation date of 3/31/2011
- Currently working on new best practice that would address *Fall Protection on Steel Lattice Structures*
- Both best practices are part of a series called Safety at Heights



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### Task Team 4 — Communications

- Chair TT4: Reba Reid, Quanta Services, Inc.
- Objectives
  - Communicate the safety messages to line industry
  - Foster relations with related industry partners
  - Website development and maintenance



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### Task Team 4 — Activity

- Activity and correspondence provided on the Website
- Articles in industry magazines/Websites
- Completed production of promotional video
- Partnership distribution of video
- Video demonstration



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### Task Team 4 — Current Activity

- Working on marketing, branding, and messaging the work of the partnership.
- Industry event presentations such as NECA convention, NECA Safety Professionals Conference, ASSE, and NSC conferences.
- Industry BLITZ is being targeted for January 2012.
  - Stand downs, Public service announcements, Paycheck stuffers, addressing dangers at home.



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**Task Team 4 — Current Activity**

- Anticipating further instruction from the executive team on marketing initiative
- Working for partnership visibility at national conference such as Convention, Safety Professionals conference, ASSE and others
- Website: [www.powerlinesafety.org](http://www.powerlinesafety.org)



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**Partnership Future Objectives**

- Continue to perform the following:
  - Monitor injury and death data and trends and identify additional cause factors
  - Expand the training efforts and resources
  - Develop additional Best Practices
  - Promote industry culture change to place value on safety and health
  - Increase communication, education, involvement



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**Summary**

- Key industry groups have common safety interests and objectives
- Development of the partnership increased safety awareness
- The ETD participation continues to be a valuable contribution
- The commitment and work continues
- Visit: [www.powerlinesafety.org](http://www.powerlinesafety.org)



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