



**Timothy Gerstnecker, Co-Chair**  
Allegheny Power  
300 Pleasant Valley Road  
Connellsville, PA 15425-9715  
Tel: (724) 626-6282  
[tgerstn@alleghenypower.com](mailto:tgerstn@alleghenypower.com)

**Barry Brown, Co-Chair**  
Duquesne Light Company  
2839 New Beaver Ave., Mail Drop N2-IG  
Pittsburgh, PA 15233  
Tel: (412) 393-8145  
[rbrown@duqlight.com](mailto:rbrown@duqlight.com)

## **ELECTRICAL EQUIPMENT AND PROTECTION COMMITTEE MEETING**

**March (15) 16-17, 2010**

Holiday Inn Harrisburg East  
4751 Lindle Road  
Harrisburg, PA 17111

### **HOTEL RESERVATIONS**

Reservations may be made by phoning the Holiday Inn Harrisburg East, at 1-(717) 939-7841. Please make your reservations early and remember to mention the “**Energy Association of PA**” to receive the negotiated room rate of \$109 Single/Double (plus tax). Room block cut-off date is March 1.

Directions and additional hotel information are available at: [Holiday Inn Harrisburg East](#)

**MEETING REGISTRATION: **PRE-REGISTRATION IS PREFERRED.**** A registration form is attached.  
Registration fees are set to cover meeting expenses, meeting room charges, audio-visual equipment, and food and beverage costs. Receipts will be provided upon request.

### **Preliminary Meeting Agenda**

*(times listed may vary slightly)*

#### **Monday Afternoon – March 15, 2010 – CLOSED SESSION**

4:00 p.m. Planning Meeting (Committee Members & Associate Members ONLY)

#### **Tuesday – March 16, 2010 – OPEN SESSION**

*Capital Ballroom East*

8:00 a.m. **Registration and Continental Breakfast Buffet**  
*(located in Capital Ballroom East-West)*

8:45 a.m. **Committee Meeting Call to Order**

8:50 a.m. *Welcome*  
**TERRANCE J. FITZPATRICK**, President & CEO, Energy Association of PA

9:00 a.m. *Keynote (Topic) Critical Challenges of Aging Workforce*  
**WANDA REDER**, Vice President, Power Systems Services Division, S&C Electric

10:00 a.m. **Break**

10:10 a.m. *Basics of Performing a Transient Network Analysis of Power Systems*  
**DONALD SHOUP**, P.E., Mitsubishi Electric (MEPPI)

11:00 a.m. **Five Minute Vendor New Product Presentations**  
*(Please sign-up for this feature on the attached registration form)*

12 Noon **Lunch - - Visit Vendor Exhibits** *Pennsylvania Ballroom*

\*\*\*\*\*

**Vendor Exhibition Open**  
**12 Noon to 2:00 p.m.**

*Buffet lunch will be available in Vendor Exhibition*  
*Lunch tickets are required.*

\*\*\*\*\*

2:00 p.m. **Committee Meeting Reconvenes** *Capital Ballroom East*

2:05 p.m. *Fundamentals – Transformers ...Design, Ratings, Specifications, Materials, Performance Characteristics, Application, Standards, Manufacture, Etc.*  
**STEPHEN ANTOSZ**, Director of Sales & Marketing, Pennsylvania Transformer (PTTI)

2:50 p.m. Break

3:00 p.m. *Fundamentals - Capacitors*  
**ROY ALEXANDER**, Scientist, PPL Electric Utilities

3:45 p.m. *Gas Circuit Breaker Design*  
**MIKE CRAWFORD**, GCB, Senior Design Engineer, Mitsubishi Electric (MEPPI)

5:00 p.m. **Committee Meeting Adjourns**

\*\*\*\*\*

**5:00 p.m. to 7:00 p.m.**  
**VENDOR EXHIBITION OPEN**

*in the*  
**Pennsylvania Ballroom!**

*Light hors d'oeuvres and refreshments available!!*

\*\*\*\*\*

**Wednesday Morning – March 17, 2010 – CLOSED SESSION**  
(Committee Members, Associate Members & Utility Guests ONLY)

8:00 a.m.      **Registration and Light Buffet Breakfast**

**Administrative Business & Future Meeting Announcements**

***UTILITY MEMBERS ONLY***

**Round Table Session**

- *SF-6 Gas inhalation when gassing 138KV Breaker*
- *Catastrophic 138KV breaker failure caught on film*
- *Near miss during transformer internal inspection caused by working between safety grounds*
- *Please forward your roundtable discussion items to [kmarkey@energypa.org](mailto:kmarkey@energypa.org) to be included in the agenda*

**Trouble Reports**

- Electrical Equipment Trouble/Problems
  - Protection & Control Trouble/Problems
-



**Electrical Equipment & Protection Committee  
Electric Transmission & Distribution Committee**

**March (15) 16-17, 2010**

**Holiday Inn, Harrisburg East, Harrisburg, PA**

\*\*\*\*\*

**NON-MEMBER REGISTRATION FORM**

Full Name: \_\_\_\_\_ Title: \_\_\_\_\_

Company: \_\_\_\_\_

Address: \_\_\_\_\_

Tel: \_\_\_\_\_ E-Mail \_\_\_\_\_

**Committee Choice:** Electrical Equip. & Protection Committee \_\_\_\_\_ Electric T & D Committee \_\_\_\_\_

<b>COMMITTEE MEETING REGISTRATION - Tuesday</b> Includes all meeting activities and food/beverage functions on Tuesday.	<b>\$ 95.00</b>	<input type="checkbox"/>
<b>EXHIBITOR TABLE REGISTRATION</b> (Incl. table, 2 chairs, all food & beverage events, program & web site listing) One exhibitor is included with table rental. Extra exhibitors at table \$40/pp (to cover lunch & reception costs) <b>** ELECTRICITY ORDER FORM attached ... please return directly to Hotel with payment.</b>		
Exhibitor Table <b><u>With</u></b> Committee meeting registration (above)	<b>\$ 125.00</b>	<input type="checkbox"/>
Exhibitor Table <b><u>Without</u></b> Committee Meeting registration (above)	<b>\$ 155.00</b>	<input type="checkbox"/>
Exhibitor Table - Extra Exhibitors (Please include names for name badges)	<b>\$ 40.00</b>	<input type="checkbox"/>
<b>PLEASE SIGN ME UP FOR THE 5-MINUTE VENDOR PRESENTATION</b> * All participants in this feature MUST BE REGISTERED above for the respective committee meeting	No Add't'l Charge*	<input type="checkbox"/>
<b>PAYMENT METHOD:</b> <input type="checkbox"/> Check Enclosed <input type="checkbox"/> Credit Card (See Below) <input type="checkbox"/> Please Bill Me	<b>TOTAL DUE</b>	
	<b>\$</b>	

**CREDIT CARD PAYMENTS**

Credit Card \_\_\_\_\_ Visa \_\_\_\_\_ MasterCard \_\_\_\_\_

Card # \_\_\_\_\_ Exp. Date \_\_\_\_\_

Amount to be billed to card: \$ \_\_\_\_\_ Last 3-digits, back of card, to right of signature panel \_\_\_\_\_

Cardholder's Name (as it appears on card) & Billing Address:  
\_\_\_\_\_  
\_\_\_\_\_

Cardholder Signature \_\_\_\_\_

Conference registration fee includes conference attendance, refreshment breaks, admittance to Vendor Expo including buffet lunch and evening reception. Registration fee is fully refundable up to two weeks prior to the conference. After that time, a \$20.00 cancellation fee will be charged. Substitutions may be made at any time.

**PLEASE RETURN COMPLETED REGISTRATION and PAYMENT TO:**

**Please make checks payable to "Energy Association of PA"**

Energy Association of PA (ATTN: Karen Markey)

800 N. 3<sup>rd</sup> St., Suite 301, Harrisburg, PA 17102

Tel: (717) 901-0600; Fax: (717) 901-0611; Email: [kmarkey@energypa.org](mailto:kmarkey@energypa.org)



Electrical Equipment & Protection Committee
Electric Transmission & Distribution Committee

March (15) 16-17, 2010

Holiday Inn, Harrisburg East, Harrisburg, PA

\*\*\*\*\*

EAPA MEMBER COMPANY REGISTRATION FORM

Full Name: \_\_\_\_\_ Title: \_\_\_\_\_

Company: \_\_\_\_\_

Address: \_\_\_\_\_

Tel: \_\_\_\_\_ E-Mail \_\_\_\_\_

PLEASE INDICATE YOUR COMMITTEE MEETING ATTENDANCE CHOICE BELOW

Electrical Equipment & Protection Committee Meeting \_\_\_\_\_
Electric Transmission & Distribution Committee Meeting \_\_\_\_\_

COMMITTEE MEMBERS ONLY

I will attend Monday evening's committee planning meeting

No Charge [ ]

COMMITTEE MEETING REGISTRATION - FULL

Includes all committee meeting activities and food/beverage functions on Tuesday and utility members only Roundtable on Wednesday.

\$ 110.00 [ ]

COMMITTEE MEETING REGISTRATION - TUESDAY ONLY

Includes all meeting activities and food/beverage functions on Tuesday.

\$ 95.00 [ ]

PAYMENT METHOD:

[ ] Check Enclosed [ ] Credit Card (See Below) [ ] Please Bill Me

TOTAL DUE
\$

CREDIT CARD PAYMENTS

Credit Card \_\_\_\_\_ Visa \_\_\_\_\_ MasterCard

Card # \_\_\_\_\_ Exp. Date \_\_\_\_\_

Amount to be billed to card: \$ \_\_\_\_\_ Last 3-digits, back of card, to right of signature panel \_\_\_\_\_

Cardholder's Name (as it appears on card) & Billing Address:

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

Cardholder Signature \_\_\_\_\_

Conference registration fee includes conference attendance, refreshment breaks, admittance to Vendor Expo including buffet lunch and evening reception. Registration fee is fully refundable up to two weeks prior to the conference. After that time, a \$20.00 cancellation fee will be charged. Substitutions may be made at any time.

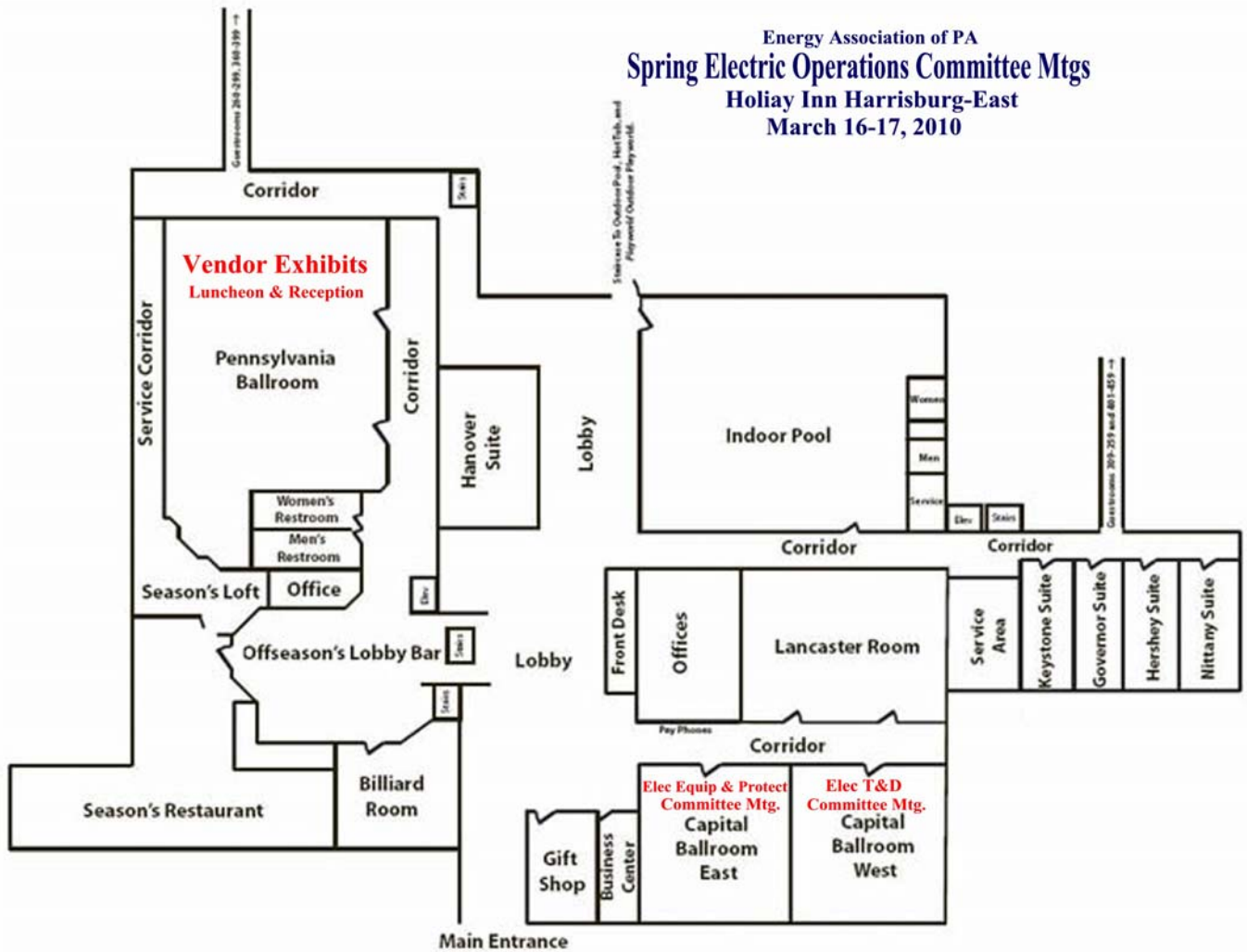
PLEASE RETURN COMPLETED REGISTRATION and PAYMENT TO:

Please make checks payable to "Energy Association of PA"

Energy Association of PA (ATTN: Karen Markey)
800 N. 3rd St., Suite 301, Harrisburg, PA 17102

Tel: (717) 901-0600; Fax: (717) 901-0611; Email: kmarkey@energypa.org

Energy Association of PA  
**Spring Electric Operations Committee Mtgs**  
Holiay Inn Harrisburg-East  
March 16-17, 2010



**Attention Potential Vendor Exhibitors!**  
**Limited Space of 32 table displays is available.**  
*Exhibit tables will be assigned based on date of receipt  
of completed registration form with payment.*



# Holiday Inn

## Electrical Request Form

Permitted that we receive your electrical requests prior to **March 12, 2010** the Holiday Inn Harrisburg East will do our best to accommodate **all** of the needs for your group on **March 16, 2010 (EAPA Vendor Exhibit)**.

Line Service	# Required	Charge
<b>120 Volt, Single pole services:</b>		
Up to <b>1000 watts</b> , mostly for large scale exhibits, where no single exhibitor has large power requirements		<b>\$20.00</b>
Up to <b>2000 watts</b> : a 20 amp service		<b>\$20.00</b>
Up to <b>30 amps</b>		<b>\$35.00</b>
Up to <b>40 amps</b>		<b>\$45.00</b>
Up to <b>50 amps</b>		<b>\$55.00</b>
<b>220 Volts, Single &amp; Three (3) phase:</b>		
<b>15 amps, Single phase</b>		<b>\$25.00</b>
<b>20 amps, Single phase</b>		<b>\$30.00</b>
<b>30 amps, Single phase</b>		<b>\$45.00</b>
<b>40 amps, Single phase</b>		<b>\$55.00</b>
<b>50 amps, Single phase</b>		<b>\$65.00</b>
<b>20 amps, Three (3) phase</b>		<b>\$40.00</b>
<b>30 amps, Three (3) phase</b>		<b>\$50.00</b>
<b>40 amps, Three (3) phase</b>		<b>\$60.00</b>
<b>50 amps, Three (3) phase</b>		<b>\$70.00</b>
<b>CIRCLE: TELEPHONE / T-1 INTERNET</b> Service needed (Maximum of <u>10</u> phone lines available at a cost of <b>\$55.00 per line</b> ) (Additional phone lines/Internet T-1 will cost <b>\$100.00 per line</b> )		<b>\$55.00/\$100.00</b>

TOTAL COST OF THE ABOVE: \_\_\_\_\_  
*(Please include 6% PA State Sales Tax to the above prices)*

DATE(S) NEEDED: \_\_\_\_\_

NAME OF EVENT: \_\_\_\_\_

EXHIBITOR NAME/ADDRESS: \_\_\_\_\_

BOOTH NUMBER: \_\_\_\_\_

EXHIBITOR NAME/SIGNATURE: \_\_\_\_\_

Credit Card number: \_\_\_\_\_ Exp Date \_\_\_\_\_

***Please send this form with payment to:***  
**Holiday Inn Harrisburg East, 4751 Lindle Road,**  
**Harrisburg, PA 17111 (Attn: Ann Marie Knorr)**