



Volume 3, Issue 2

SWEE 2006

The HEL Circuit

Houston Electrical League, Inc.

2006 South West Electrical Exposition IS COMING *SOON!!!*

By every indication the 2006 Southwest Electrical Exposition promises to be one of the best attended, most organized and just downright fun, in decades. Two years ago Jim Krepper and his committee added educational seminars to the SWEE's format. This year the education program has *doubled* in size. "We have twenty-two seminars scheduled," offered Education Chairman John Focke from Powell Electric, "and registrations are really moving fast. We just went live with our on-line registration program last Monday, and already have 400 people registered."

"We've got some of the industry's most qualified speakers, and compelling topics. We're expecting a great turnout," added Focke.

Other changes from the last SWEE include online registration for attendees, and exhibitors, and a brand new location. Jim Krepper, SWEE Chairman said, "We got some complaints in the past about the George R. Brown Convention center. This year we've moved to Reliant where both parking and the facilities are much better."

The other big event scheduled for the SWEE this year is (continued on page 4)

2006 Education Seminars

- | | |
|---|--|
| * Arc Flash Safety and NFPA70E Standards | * Energy Savings & Transformers |
| * Predictive Maintenance of MV Switchgear via Partial Discharge | * ATEX IEC EX Electrical Wiring Practices |
| * IEC 61850 | * Enhanced Safety for Power Control Rooms |
| * Industrial Monitoring using Wireless Systems | * VFD Harmonics and their Treatment |
| * SF6 Gas Reclamation, Cleaning, Handling & Storage | * 2005 NEC Code Review Changes |
| * Innovations in Industrial Lighting | * 2005 NEC and UL508A Requirements |
| * Transformer Design and PIP Standards | * Cable Testing |
| * Protective Relaying Fundamentals | * Lamp Ballast Technology Update |
| * Multifunction Relay Programming | * Design Considerations for Fire stopping Applications |
| * CT Saturation in Protective Relay Applications | * Lighting Control and the Energy Code |
| * Data Communications Basics for Industrial Substations | * TVSS Power Quality |

2006 SWEE Show

Thursday April 6th
Seminars and Show -- 2:00-8:00PM

Friday April 7th
Seminars and Show -- 10:00-2:00PM
Bar-B-Que Cook Off -- 3:00-'til

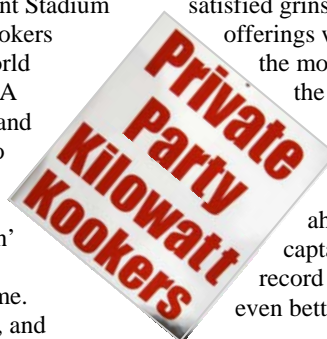
Where: Reliant Center -- Houston, TX

Kilowatt Kookers KO Kompetition

Thursday February 23, Reliant Stadium Parking lot -- The Killowatt Kookers kicked off another run at the World Championship Bar B Que title. A huge crowd of sponsors, guests and pitman groupies were on hand to sample the team's efforts prior to the judging. After three days of tastin' kookin' servin,' greetin' and grinnin' our proud team of Kookers ... well ... WON, big time. From the looks of the full plates, and

satisfied grins, on sponsors night the 2006 offerings were some of the best ever. But the most important thing is, as always, the hard workin' team's fantastic success at fundraising for the Scholarship Fund.

"Sponsorship's are running ahead of last year," said team captain Gus Smith. "We had a record year in 2005 and this year looks even better." (continued on page 10)



Special points of interest:

- Southwest Electrical Expo
- SWEE Seminar Schedule
- Kilowatt Kookers Rodeo Wrap-up
- President's Message

Inside this issue:

President's Message	2
HEL Raisers	4
General Membership Mtg.	4
Sporting Clays	4
Watt's New	15
What are you reading?	9
The Way Back Story	16



The HEL Circuit

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Scholarship Foundation

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Contact: David Hammel
(See above)

President's Message Phil Metz

Come to SWEE 2006!

Our biannual expo is just around the corner and your League is working diligently to make it one of the best ever. We have made several changes to the event to make it a more productive and educational experience. Some of the changes include:

New Reliant Center venue, with plenty of parking, ease of access and an exciting new facility

Twenty-three technical seminars aimed at increasing both your, and your customer's, understanding of our dynamic industry. SWEE will be issuing Professional Development Hours (PHD) to help our engineering community meet their licensing requirements.

A partnership with IEC, sponsoring a BBQ cook off immediately after Friday's session. Besides attracting the contractor community, it's a great way to start the weekend.

Why do we have SWEE? It's a good question, but the answer is even better. The Southwest Electrical Exposition began as a vehicle to

fund scholarships, and since 1972 has generated nearly two million in scholarships. Since SWEE is managed by the non-profit HELSF (Houston Electrical League Scholarship Foundation) and staffed by volunteers, a very significant portion of the money generated goes towards scholarships. Your continued support insures the ongoing success of the show, provides an ongoing revenue source for the League to continue its scholarship program, and highlights the vibrant electrical industry in Houston and Southeast Texas.

If you're a distributor, please plan to attend and invite all of your customers. Remember, it's FREE! If you are an engineer, or part of the engineering community, sign up for one of the technical seminars, and plan to tour the show in order to see the latest innovative technology the electrical industry has to offer. Finally, if you are a manufacturer and haven't signed up to exhibit, there's still room! You don't want to miss the excitement.

I hope to see YOU on April 6th and 7th.

Philip Metz



When ... ?

That's *always* the question.

- *When are we going to see an increase in revenue?*
- *When can we expect to match last years sales?*
- *When can I get my message to more than 3,000 electrical market decision makers along the Gulf Coast?*


Right NOW!

Advertise in the HEL Circuit !!

New product introductions
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Brand identity (acquisitions, mergers or modernization)
Increase you sales into the electrical industry

The HEL Circuit is published quarterly, and offers direct, inbox, access to this dynamic, growing, service-oriented industry. Contact David Hammel (left) to learn more.

Listen to what our other advertisers say:

 "Advertising space in the HEL Circuit is the best bargain in electrical marketing! We had a great response." -- **Greg Hearth** -- Inventor and President, SmartBox Inc.

 "Since we started advertising in the HEL Circuit, our education seminars have been packed." -- **Mike McGraw**, NSOEM

The

HEL Circuit

Houston Electrical League, Inc.

Sporting Clays

Great NEWS! Steve Giudry from Cooper Crouse-Hinds has volunteered to take on the open chairmanship of this perennial favorite league event!

Steve says he's not much of a shooter (so teams trying to gain unfair advantage by including him do so at their own risk), but was told that this active, and enthusiastic committee was ready and willing to re-constitute, re-energize and re-organize the Sporting Clays.

The date for the May shoot has yet to be picked, but look for further information either on the league website, or here in the Circuit.

Better still, call Steve, and register a team! ✈

HEL Raisers

"We going to have another ride," says Jim Schindler of WESCO. "We've just got to pick a weekend in early May to do it."

"The last ride was just sort of a warm up. We have twenty or so bikes, about thirty riders and thanks to Panduit, Busman, and WESCO, we had great lunch in a shady spot, on a perfect day, at Washington on the Brazos State park."

If you are a motorcycle enthusiast, and interested in riding with the *HEL Raisers* send Jim Schindler an email at: jschindler@wescodist.com. Of course you don't need to be a rider to participate. Scott Weddle from Panduit is organizing the Ride Support Krewes, and is looking for folks to help. ✈

SWEE Show (Continued)

the Bar B Que cook-off. Our very own *Kilowatt Kookers* are hoping to duplicate their Rodeo success (see story on page one) and take the top prize here too.

Attendance Record?

"By combining the IEC BBQ cook-off, the educational Seminars, and the SWEE, we think a record attendance is possible," says HEL president Phil Metz. "The event is just a month away, if your company has not signed up for booth space you need to hurry."

How?

Call Nancy Brown at Bell and McCoy (832) 203-4902. There are still some good show spaces left, but they're booking up quickly. Nancy can review your options, and even accept your payment on the phone.

The SWEE Visitor's Corner:

4/7 -- NL Champion Astros open a four game series against Washington Senators. www.astros.com

6th -9th -- Alexander Lazarev conducts a Houston Symphony classical season program of Tchaikovsky and Prokofiev. Jones Hall. (713) 224-7575, www.houstonsymphony.org.

3/28 through 4/9 -- Valerie Harper stars in Golda's *Balcony*. Hobby Center for the Performing Arts. (713) 629-3700, www.broadwayacrossamerica.com.

April is Jazz Appreciation Month in Houston events are scheduled around town.

General Membership Meeting

This year's first Houston Electric League General Membership Meeting will once again be the official SWEE kickoff luncheon. Always a sell out, this year's promises the same. Book early, the speaker will be **Don Akers**, a top rated motivational speaker who comes with a championship sports background.

Don is a former U.S. Amateur Boxing Federation champion and Golden Gloves champion. He competed as a contender for the 1984 Olympic team with more than 70 fights, and became one of the top middleweight fighters in the world.

Don combined the lessons he learned in the boxing ring and a degree in engineering with 15 years of sales experience for Fortune 100 companies. He created effective sales models that are still being used around the world.

"Success is not about winning or losing; it's about how you carry yourself through life. There are always going to be opportunities and failures, the key is to see the possible and overcome the obstacles. The tougher it is, the better you'll be.

"Before they are prospects or customers, before they are bosses or employees, people are people. Treat people like people and they'll consistently help you get the job done." Don Akers inspires audiences to be more resilient when life throws its punches, and considering tough challenges we all face in our local Electrical Industry, Don's message should be right on the mark.

In addition to Don's speech, the SWEE Kick-off, and league business, there will be **five** scholarships awarded to the College aged children of league members. Make sure you get your applications in by the deadline (visit www.hel.org for complete requirements).

"We're expecting another sell-out." says event chair Mike McDaniel from EPC. "Two years ago, Brad Lidge was our speaker. He went on to become one of the Astros key players."

Make reservations either on line at www.hel.org ,or by calling Nancy Brown at Bell & McCoy (832) 203-4902 ✈



"Great presentation! Excellent blend of personal experience with the message!"
 Mark Tiggeloven,
 Vice President
 - Central Bank

Don Akers Olympian, Boxer,
 Business leader

Once again the HEL Circuit owes a tremendous THANKS to Marbin Guzman and the fantastic crew at Pitney Bowes Downtown. They handle all our printing and layout needs!!

*Mail Management
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Call: Kevin King (713) 557-2378



2006 Southwest Electrical Exposition
 sponsored by
The Houston Electrical League

www.hel.org



SWEE Technical Seminars for Thursday, April 6th

	Room #	Room #	Room #	Room #	Room #	Room #	Room #
8:00am	600	601	602	603	604	605	606
	Hammond Power Solutions TP1 Energy Savings and Transformers	MIRUS Int'l VFD Harmonics and Their Treatment	ECP Tech Services Cable Testing Methods and Comparisons	Square D Schneider Electric TVSS Power Quality	Eaton Cutler-Hammer Partial Discharge Predictive Maintenance	ECP Tech Services SF6 Gas Reclamation, Cleaning, Handling, and Storage	GE / Multiin Protective Relaying Fundamentals
9:30am	Source IEC ATEX IEC EX Electrical Wiring Practices	IESNA San Jacinto Chapter Lamp and Ballast Technology Update	IESNA San Jacinto Chapter Lamp and Ballast Technology Update		Siemens IEC 61850	Cooper Crouse-Hinds Innovations in Industrial Lighting	GE / Multiin Multi-Function Relay Programming Event Recording
11:00am	SWEE Luncheon No Seminars Scheduled	SWEE Luncheon No Seminars Scheduled	SWEE Luncheon No Seminars Scheduled	SWEE Luncheon No Seminars Scheduled	SWEE Luncheon No Seminars Scheduled	SWEE Luncheon No Seminars Scheduled	SWEE Luncheon No Seminars Scheduled
2:00pm	Powell Electrical Enhanced Safety for Power Control Rooms	Appleton Electric 2005 NEC Code Review and changes	Roxtec Inc. Designs for Firestopping Applications	Square D Schneider Electric Arc Flash Safety and NFPA70E Requirements	Adalet Wireless Industrial Monitoring using Wireless Systems	Niagara Transformer Transformer Design and Conformance to PIP Standards	GE / Multiin CT Saturation in Industrial Relay Applications
3:30pm		Cooper Bussmann 2005 NEC and UL508A Requirements	Edwin Jones Lighting control and The Energy Code		Ross & Baruzzini Radio Frequency System Design Considerations		GE / Multiin Data Communication Basics for Industrial Substations

SWEE 2006 Seminar Schedule-At-A-Glance

Take advantage of these **FREE** technical seminars during SWEE 2006

Go to www.HEL.org to register on-line for SWEE 2006 and to register for these free technical presentations.

SWEE will be providing PDH Certificates for registered attendees at the conclusion of each seminar you attend.



SWEE 2006

Technical Seminar Schedule

Thursday, April 6th 2006



(updated 2/20/2006)

Page 1 of 2

Visit the SWEE Registration Website at www.hel.org to register on-line for these **FREE** informative and educational seminars and presentations.

Seminar #: 600-800, Thurs @ 8am, Rm 600 Topic: TP1, Energy Savings & Transformers Abstract: In the view of all recent legislation, the standard dry type transformer, is not appropriate for modern non-linear electrical loads. We will review old and new designs and define the right choice for new constructions.	Presented by: Hammond Power Solutions <i>PDH Certificate Provided by SWEE (1.5 Hours Credit)</i>
Seminar #: 600-930, Thurs @ 9:30am, Rm 600 Topic: ATEX IEC EX Electrical Wiring Practices Abstract: Review of common IEC EX installation techniques for hazardous industrial applications	Presented by: Source IEC <i>PDH Certificate Provided by SWEE (1.5 Hours Credit)</i>
Seminar #: 600-200, Thurs @ 2pm, Rm 600 Topic: Enhanced Safety for Power Control Rooms Abstract: Discussion and Presentation on how Powell can assist our customers by providing Systems and Engineering Support to simplify compliance with NFPA-70E requirements.	Presented by: Powell Electrical <i>PDH Certificate Provided by SWEE (3.0 Hours Credit)</i>
Seminar #: 601-800, Thurs @ 8am, Rm 601 Topic: VFD Harmonics and Their Treatment Abstract: This presentation will provide a review of harmonics generated by VFD's and make recommendations on how to apply IEEE Std 519 and present various methods for treatment of these harmonics.	Presented by: MIRUS International <i>PDH Certificate Provided by SWEE (3.0 Hours Credit)</i>
Seminar #: 601-200, Thurs @ 2pm, Rm 601 Topic: 2005 NEC Code Review Changes Abstract: NEC 2005 Code Review Changes, Articles 500-516. A review of code changes for hazardous locations / areas.	Presented by: Appleton Electric <i>PDH Certificate Provided by SWEE (1.5 Hours Credit)</i>
Seminar #: 601-330, Thurs @ 3:30pm, Rm 601 Topic: New 2005 NEC and UL508A Requirements Abstract: The NEC, in the 2005 Code Book, and U.L. (on April 25th) will require that panels be labeled with short-circuit current ratings. This presentation will help with understanding the new requirements as dictated by the NEC and U.L.	Presented by: Cooper Bussmann <i>CEU Credits provided by Cooper Bussmann (1.5 Hours Credit)</i>
Seminar #: 602-800, Thurs @ 8am, Rm 602 Topic: Cable Testing Abstract: Class will discuss comparisons between DC Overpotential, Very Low Frequency, and Partial Discharge methods for cable testing. Participants will learn what method is best suited for his application and which method will give him the most information on the integrity of his cable.	Presented by: ECP Technical Services <i>PDH Certificate Provided by SWEE (1.5 Hours Credit)</i>
Seminar #: 602-930, Thurs @ 9:30am, Rm 602 Topic: Lamp, Ballast Technology Update Abstract: New Technology Review of Lamps and Ballasts by Major Manufacturers.	Presented by: IESNA San Jacinto Chapter <i>PDH Certificate Provided by SWEE (1.5 Hours Credit)</i>
Seminar #: 602-200, Thurs @ 2pm, Rm 602 Topic: Design Considerations for Firestopping Applications Abstract: Topic will discuss other design considerations in cable and conduit sealing applications as it relates to fire-stopping standards	Presented by: Roptec Inc. <i>PDH Certificate Provided by SWEE (1.5 Hours Credit)</i>
Seminar #: 602-330, Thurs @ 3:30pm, Rm 602 Topic: Lighting Control and The Energy Code Abstract: Presentation will discuss How to design a lighting control system to meet the 2000 IECC Code.	Presented by: Edwin Jones <i>PDH Certificate Provided by SWEE (1.5 Hours Credit)</i>
Seminar #: 603-800, Thurs @ 8am, Rm 603 Topic: TVSS Power Quality Abstract: Presentation will provide an understanding of issues that cause power quality disturbances and the corrective design techniques. Participants will be able to use design and application information when encountering transients and harmonics during the design process. Essential engineering considerations will be covered including surge ratings, lightning data, and the use of capacitors and surge arrestors.	Presented by: Square D / Schneider Electric <i>PDH Certificate Provided by SWEE (3.0 Hours Credit)</i>

Seminar #: 603-200, Thurs @ 2pm, Rm 603 Topic: Arc Flash Safety and NFPA70E Standards Abstract: During this class, professionals will gain a better understanding of client implications and enforcement of the NFPA-70E standards and how to design electrical distribution systems to minimize arc flash incident energy in electrical distribution equipment.	Presented by: Square D / Schneider Electric PDH Certificate Provided by SWEE (3.0 Hours Credit)
Seminar #: 604-800, Thurs @ 8am, Rm 604 Topic: Predictive Maint of MV Swgr via Partial Discharge Abstract: Partial discharge conditions (corona, tracking, etc) are present well in-advance of many MV equipment failures. Partial Discharge theory and monitoring will be discussed and examples of detected / predicted equipment failures will be shown.	Presented by: Eaton Cutler-Hammer PDH Certificate Provided by SWEE (1.5 Hours Credit)
Seminar #: 604-930, Thurs @ 9:30pm, Rm 604 Topic: IEC 61850 Abstract: Numerical Relay Technology with new IEC 61850 Substation Communication Protocol. Software tools for Relay Engineers	Presented by: Siemens PDH Certificate Provided by SWEE (1.5 Hours Credit)
Seminar #: 604-200, Thurs @ 2pm, Rm 604 Topic: Industrial Monitoring using Wireless Systems Abstract: Wireless Systems today can provide reliable monitoring and data collection & control for Industrial, Explosion-Proof and General Purpose Environments. Presentation will outline advantages and options for wireless systems	Presented by: Adalet Wireless PDH Certificate Provided by SWEE (1.5 Hours Credit)
Seminar #: 604-330, Thurs @ 3:30pm, Rm 604 Topic: Radio Frequency System Design Considerstions Abstract: Presentation will provide an overview and introduction to Frequency Selection, RF Path Analysis and System Designs	Presented by: Ross & Baruzzini PDH Certificate Provided by SWEE (1.5 Hours Credit)
Seminar #: 605-800, Thurs @ 8am, Rm 605 Topic: SF6 Gas Reclamation, Cleaning, Handling & Storage Abstract: Presentation will explain proper handling, cleaning, and storge of SF6 gas. Participants will learn what is involved in properly reclaiming the contaminated gas in their high voltage circuit breaker.	Presented by: ECP Technical Services PDH Certificate Provided by SWEE (1.5 Hours Credit)
Seminar #: 605-930, Thurs @ 9:30am, Rm 605 Topic: Innovations In Industrial Lighting Abstract: The presentation will help attendees learn about new innovations, products, and tools for industrial lighting applications	Presented by: Cooper Crouse-Hinds PDH Certificate Provided by SWEE (1.5 Hours Credit)
Seminar #: 605-200, Thurs @ 2pm, Rm 605 Topic: Transformer Design and PIP Standards Abstract: Technical review of Transformer Specification to PIP ELSTR01 and ELSTR01D Datat Sheet. Requirements as well as comparison of changes between 1997 and the New 2005 Standards.	Presented by: Niagara Transformer PDH Certificate Provided by SWEE (3.0 Hours Credit)
Seminar #: 606-800, Thurs @ 8am, Rm 606 Topic: Protective Relaying Fundamentals Abstract: We will cover the basic theory and associated relay applications to protect power system equipment such as motors, transformers, breakers, etc.	Presented by: GE / Multilin PDH Certificate Provided by SWEE (1.5 Hours Credit)
Seminar #: 606-940, Thurs @ 9:30am, Rm 606 Topic: Multifunction Relay Programming Abstract: Demonstration of how to program multi-function relays for motor, transformer, and feeder protection. We will also demonstrate how to extract event records and waveform captures. Participants will be given the opportunity to have specific "how to" questions answered if submitted in advance.	Presented by: GE / Multilin PDH Certificate Provided by SWEE (1.5 Hours Credit)
Seminar #: 606-200, Thurs @ 2pm, Rm 606 Topic: CT Saturation in Protective Relay Applications Abstract: It is possible that relatively low ratio CT's with low accuracy class are applied to a bus with a relatively high short circuit capacity. We will discuss the reliability of protective relays to operate under these conditions and how to assure your system is properly engineered.	Presented by: GE / Multilin PDH Certificate Provided by SWEE (1.5 Hours Credit)
Seminar #: 606-330, Thurs @ 3:30pm, Rm 606 Topic: Data Communication Basics for Industrial Substations Abstract: We will cover the basics of Industrial Substation Communication standards, protocols, architecture and hardware. The session will include demonstrations on Ethernet TCP/IP protocol converters, managed switches, and Intelligent Electrical Devices (IED's)	Presented by: GE / Multilin PDH Certificate Provided by SWEE (1.5 Hours Credit)

Visit the SWEE Registration Website at www.hel.org to register on-line.



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A Complete Transformer & Power Quality Engineering Solution to Your Application!

Come by our booths and let us show you how we can help at all stages of your project.



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See us at the SWEE Show April 6 & 7, Booth 501
**Register for our Technical Seminar
 on Innovations in Industrial Lighting**

Come by Booth 501, located at the front of the trade show floor, to view the new products and technology Cooper Crouse-Hinds has to offer. Cooper Crouse-Hinds, continuing our commitment to innovation and service.

Register for the Cooper Crouse-Hinds Informational Seminar

Topic: Innovations in Industrial Lighting

- Cooper Crouse-Hinds Innovations
- New Cooper Crouse-Hinds Products
- Tools for Industrial Lighting Applications

- Date: Thursday, April 6th
9:30 AM - 11:00 AM
- Room 605

- Providing valuable information for:
 - Engineers
 - Designers
 - Maintenance
 - Electricians

Register for the 2006 SWEE and Engineering Seminars by visiting <http://registration.expoexchange.com/ShowSWE061/>

For more information contact our Houston Office:

Cooper Crouse-Hinds

Phone: 713-956-1166 • Fax: 713-956-5904



COOPER Crouse-Hinds

What are you Reading?

The Know-It-All

One Man's Humble Quest to Become the Smartest Person in the World

A. J. Jacobs

"The Know-It-All is a hilarious book... Well done, A.J."
Jon Stewart, *Host of the Daily Show*

The *Encyclopaedia Britannica*: 33,000 pages; 65,000 articles; 9,500 contributors; 24,000 images; thirty-two volumes--nearly 45 million words. At over \$1,400.00 for the leatherette edition, the massive Britannica is the gold standard of encyclopedias. Founded in 1768 in Scotland, it is the longest continually published reference book in history.

Why in the *world* would anyone set out to read it, front to back, top to bottom, all at once?

We'll let the author explain:

"I used to be smart. Back in high school and college I was actually considered somewhat cerebral. I peppered my conversation with words like 'albeit.' I knew my stuff. Then, in the years since graduating college, I began a long, slow slide into dumbness.

"Like many of my generation, I've watched my expensive college education recede into a haze. Sure, I remember a couple of things from my four years a

Brown University. For instance, I remember that a burrito left on the dorm room floor is still somewhat edible after five days, as long as you chew really hard.

"I've been toying with the idea of reading the Britannica for years. Since I haven't accomplished anything particularly impressive in my life, unless you count my childhood collection of airsickness bags from every major airline, I've always thought of this as a good crucible. The tallest mountain of knowledge. My Everest. And happily, this Everest won't cause icicles to form on my ears or deprive me of oxygen, one of my favorite gases. I'll get a crash course in everything. I'll leave no gap in my learning unfilled. In this age of specialization, I will be the last guy in America to have all general knowledge. I'll be, quite possibly, the smartest man in the world."

And that's just from the introduction. The chapters, twenty-six in all--one for each letter--are delightfully filled with knowledge from the Britannica and with Jacob's observations on life, on the prospects of parenthood, on work, and on the general condition of our hectic, pop-culture obsessed world.

The Know-It-All is a must-read for those who feel that life is a joyous, happy celebration; one filled with mystery and discovery.

Fourteen dollars, available at all fine bookstores, and on Amazon. ✎

Kookers, Continued

“It’s always amazing to me to see how our industry steps up and gets



behind this worthwhile event,” added Smith. “Each year the event is different. It might rain, it might be hot; this year we tried something new with the music, and from the looks for things, people are enjoying it.”

Larry Cucinella of Wholesale Electric (a Diamond Level Sponsor) enthusiastically agreed. “The music is fantastic. These guys are great!”

The Waltrip High School Brass ensemble’s combination of improvisational jazz, big band arrangements, and a pure, rockin’ talent was the highlight of the evening. By night’s end there was dancing in the aisles.

Highlight, that is, until the Sponsors made it to the food line.

“This isn’t the place to be if you’re on a diet,” offered Larry Minuto between helpings. “My wife Pat wanted me to bring her a plate home, but the Bar B Que was just too good! I guess I’m going to have to stop at Luther’s out on 59, and hope she’s not too particular.”

During the more than ten years that the KiloWatt Koopers have been participating at the Houston LiveStock and Rodeo, they’ve won numerous awards, and have provided nearly a quarter of a million dollars of

scholarships for the Houston Electrical league.

The 2006 BBQ Winners:

Grand Champion Overall:

Rotten Wood Cookers

(Editor’s note: *The Kilowatt Koopers missed this title by ONE point!! Talk about Hangin’ chads...*)

Ribs: Winners: ***Kilowatt Koopers***

Ribs--First runner up: ***Kilowatt Koopers(!)***

A Championship Twofor!!

Chicken: *Rotten Wood Cookers*

Brisket: *Goody Girls 4*

What Do You Do to stay safe?

Check out the answers to this safety quiz!

What do you do to stay safe around power lines?

Stay away! Always keep at least 10 feet away from power lines.

What do you do if you see a street light out?

Report it so that we can make repairs.

What do you do if you smell gas?

Leave right away. Then call us at 1-800-752-8036. We respond to gas leaks 24 hours a day, 7 days a week.

What do you do before you dig?

If you’re planting a tree or doing other work in the yard, use the Call Before You Dig phone number (1-800-5-5-6006) to have the utility lines marked. One call can prevent damage to underground electric, gas, water and other important service lines that could cause injury to you, your family or the environment.



ALWAYS THERE with answers on the spot.®



Most Colorful Team : *Holy Cow Cookers*
Cleanest Team Area: *Chevy Cookers*
Most Unique Pit: *Dim Fiefelmann Cookers*
Best Team Skit: *Devils Run Mountain Men.* (How did the Koopers not win that one???) ✎

“Success is the necessary misfortune of life, but it is only to the very unfortunate that it comes early”

Anthony Trollop



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All medium voltage units incorporate fiber optic firing,
and have a minimum rating of 45 kV BIL.



SWEE Booth 701





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SWEE BOOTH 703

Niagara Transformer, Corp.



SWEE Booth 705

Niagara Transformer produces liquid-filled transformers up to 20 MVA and 69 kV high voltage (350 kV BIL).

Cooling Fluids: oil filled, R-Temp®, beta, alpha, ester, Envirotemp®, or silicone fluids.

Depending on the application, we offer conventional liquid-filled, sealed tank, conservator, or positive pressure nitrogen systems. Our transformers are built using copper, aluminum windings with circular, rectangular, or disk-style coil construction. Niagara provides transformers with manual and motorized de-energized tap changers and with load tap-changing equipment. We can also provide transformers with radiators, forced oil air, forced oil water, or oil natural water-cooled heat exchangers.

Design Styles:

- Variable frequency motor drive
- Compartmentalized pad-mount
- Autotransformer
- Motor starting
- Corrosive/hazardous environments
- High ambient temperature/elevation
- Indoor/outdoor



Transformer Types:

- Rectifier transformers
- Unit substation transformers
- On-load tap-changing transformers
- Multi-tapped transformers
- Auto transformers
- Scott-connected transformers
- Pad-mount transformers
- Sealed liquid-filled transformers

Applications:

- Process/high current rectification
- Traction duty
- Motor drive duty
- Test
- Primary unit substations with integrated primary and secondary switchgear
- Retrofit
- Arc / Induction Furnace



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The Houston sales team:

Internal: Karen Lewman, Elvis Martinez, Nick Mair.

**External: Tommy Sutherland,
Kevin Foster**

Give us a call with your inquires!

www.eutexinternational.com



Eutex International

Eutex - Houston announced that they will be holding a new ATEX / CE Marking seminar on 21st March 2006 at the Sheraton Brookhollow Hotel in west Houston. "The seminar will serve to advise OEM & Electrical Engineers on European Regulations." said **Nick Mair**, Houston Branch manager. "**Sean Clarke**, a Principle Compliance Engineer at Epsilon Compliance (an EU notified body for ATEX and CE testing) will be the presenter."

"There will be two sessions one in the morning and one in the afternoon. They are important because there are changes coming to ATEX and CE legislation. The briefing will benefit engineers responsible for design, specifications, quality and/or procurement."

Eutex is an IEC specialist distributor. They inventory European cables and accessories in Houston, and serve the Oil/Gas and Petrochemical industries. ✎

www.eutexinternational.com

Panduit Corporation

Panduit announced that they have recently hired **John Metzger** as a Contractor Sales Specialist. John will be covering the Gulf Coast area, and be based in Houston.

www.panduit.com

The Houston Electrical League

Becky Maxwell, a long time league member, and for the past year, the league's administrative assistant, has relocated with her husband to Memphis Tennessee. She has resigned her position with the league and has left behind some "might big boots to fill" according to league president Phil Metz. Until Becky can be replaced, Nancy Brown at Bell & McCoy has stepped in.

www.hel.org

Breaking NEWS!!!

Chris Coursey just announced that the Spring Golf outing will be held on May 8th, 2006 at Northgate Country Club.

Mark you calendar!

Summit Electric Supply

Summit celebrated the makeover of its La Porte (Texas) Service Center last month with an open house featuring a grand-prize drawing for a Yamaha Bruin 250 ATV.

The lucky winner, **Danny Liescheski** of Lyondell Chemical Co. in Houston, was asked by jealous onlookers if he had any use for an ATV, and he said, "You bet. I've got 400 acres of land out here."

Liescheski was one of many prize-winners at the event, held February 16, which marked the debut of the refurbished Summit facility. About 300 Cajun dinners were served as customers mingled with representatives from more than 25 manufacturers.

The La Porte Service Center had been operating as a pick-up counter for orders generated at the Houston Service Center. In 2005, Summit decided to convert La Porte to a full-service branch with the full range of industrial electric equipment and supplies.

For many customers, the open house was their first view of the "new" La Porte store.

"We are very proud of the Associates and all they have accomplished during the past six months," said Summit President **Victor Jury Jr.** ✎

www.summit.com



Liescheski, and La Porte Service Center Leader Mike Mares

NSOEM

NSOEM is please to announce that they have added **Jim Hewitt** to their sales team.

"Jim comes to us with a strong background in the Electrical Utility Markets, and will prove to be a valuable addition to the NSOEM Sales Team." said company president **Mike McGraw**. "Jim is located in New Orleans, LA, and covers Lake Charles through Mobile, Alabama."

NSOEM also reported that their Engineering Seminar Program has expanded.

The Niagara Transformer Seminars (covering Liquid Insulating Materials and Transformer Diagnostics) that were held in Beaumont, Dallas and Houston this past month were all sell-outs. There were over 100 degreed engineers in attendance.

There are four more scheduled seminars planned for 2006 for other NSOEM principals. Visit the company's website for details: ✎

www.nsoem.com

Wildcat Electric Supply

Wildcat announced that **Brian Michna** joined organization, after nearly 18 years at Graybar. "Brian is going to be a great addition to our sales department," said Keith Hessemer, company president, "he's got experience, and a tremendous reputation for honesty and integrity. We're lucky to get him."

Brian graduated from Sam Houston State University in 1983 and is a Houston native.

The company also opened a branch in San Marcos Texas recently, and will be hosting a grand opening celebration in mid April. **Tom and Tracy Soltis** will be the branch, and office manager, respectively. **Jack Robnett** has joined the San Marcos team as an outside sales person.

"This is a whole new direction for us," added Hessemer, "and we've hired talented people."

www.wildcatelectric.com

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The Back Story

The way-back story By: David Hammel

Fill in the blanks, company edition:

Anaconda, Cablec, Cablec-Continental,
_____, General Cable

▼▼▼

General Cable, _____, Prysman

▼▼▼

Buffalo, _____, Rexel

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Aucoin & Miller, _____, WESCO

Missing links ... Company Combos:

Houston Wire, WCS, _____,
Houston Wire

▼▼▼

Brown & Root; _____, Kellogg,
KBR

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Robert M. Thomas & Hobart D. Betts,
lowly Reps, now _____

▼▼▼

Careers:

Who worked for, in order:

Anixter, Houston Wire, Cable Connector
Warehouse (CCW), Priority Wire & Cable.

Who is _____

▼▼▼

Anaconda, GE Supply, Warren Electric,
Offshore Marine, Reynolds, Warren Elec-



Reddy Kilowatt partying like it's 1969

tric, Summit Electric, WESCO.

Who is: _____

▼▼▼

Dashiell Corp, Cadweld, PW Cable Tray,
TESLA Power

Who is: _____

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Crouse-Hinds, Warren Electric, Source
Alliance, Cooper, EGS

Who is _____

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TEW, Winn Lange, Hughes, ... *Home
Depot?*

Who is: _____

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Supply, KBS-Houston

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