Winter Power Meeting 2001, to be held in Columbus, Ohio January 28 to February 1, will feature a variety of technical, business, cultural and social experiences for members, students, their companions and children. This first Winter Power Meeting of the new millennium, incorporating the theme, “Turning The Century,” will focus on Market Strategy and Concepts, Ancillary Services, New Operating and Equipment Concepts as well as Internet Applications.

**General Membership Meeting**

This meeting will be held on Monday, January 29, at 8 a.m. in the Regency Ballroom of the Hyatt Regency. Complimentary coffee and rolls will be available at 7:30 a.m. Meet the officers of the Power Engineering Society (PES), listen to and discuss the goals of the society’s Governing Board for 2001 and beyond. Share your suggestions with the PES management team.

**Plenary Session: Energy and Information**

The Public Affairs Council Plenary Session Committee will present the Opening Session Panel discussion on Monday morning in the Regency Ballroom of the Hyatt Regency Hotel. The program will be developed around the general theme of “Energy and Information.” The program goal will be to discuss the future uses of Information Technology (IT) and expansion of power system communications capabilities to maintain reliable service while improving system operational aspects and efficiencies.

The program will also include discussions on the use of the power system communications bandwidth to facilitate energy and other trading opportunities.

The Plenary Session panel members are: Howard Pierce, President and CEO of ABB Inc. USA; John (J.D.) Hammerly, Vice President Marketing - North America, Alstrom Esca Corporation; and Dr. Paul Turner, Vice President and Chief Technology Officer, American Management Systems.

Each panel member will be assigned one of the following subtopics: 1. Information Technology applications and operational aspects from the utility industry standpoint, and 2. Opportunities for applications of Information Technology to improve operations, reliability and efficiencies, energy trading, settlement issues, etc.

The Organizing Committee is working to make the 2001 Winter Power Meeting Plenary Session one of the most interesting events of the meeting and looks forward to your attendance.
Technical Program

The technical portion of the program’s panel sessions and papers will cover a variety of subjects of interest to engineers. They will include Reliability, Power Quality, Adaptive Protection, FACTS, SVC, Distributed Generation, Life Extension, Congestion Management, Advanced Metering, Super-conductivity, and other topics.

PES is very pleased to announce that a special educational session, “The Electric Utility Industry in Transition: Critical Issues and Strategic Responses” will be included. The presenter is nationally renowned lecturer, Dr. Arthur A. Thompson, Jr. of the University of Alabama. Dr. Thompson has a unique understanding of the electricity business and a quick wit that will keep you entertained as you learn.


The course will be presented on Sunday from 8:00 a.m. until 3:00 p.m. The registration fee is $25 which includes lunch. Admissions are limited to the first 75 respondents.

Tutorials

Three informative and timely tutorials, sponsored by the PES Power Engineering Education Committee, will be presented. The fee for each is $150, in addition to the conference registration fee.

The sessions are:

Power System Fundamentals (Tuesday 8:00 a.m. - 5:00 p.m.). This tutorial is offered for those who are working in the electric power industry and would like an opportunity to learn or review some of the basics of power system engineering. The tutorial assumes participants possess a general engineering background. The course instructor will be Dr. Bruce Wollenberg, Professor of Electrical Engineering, University of Minnesota, a world leading authority in Power Systems Engineering. The topics include:


Electromagnetic Transient Program Applications to Power System Protection (Wednesday 8:00 a.m. - 5:00 p.m.) The Power System Relaying Committee of the IEEE/PES sponsors this course. The tutorial will cover the capabilities of EMTP and make power system protection engineers more aware of its potential applications in the areas of power system protection, relay modeling, and relay testing. The tutorial covers the fundamental EMTP modeling issues, and provides guidelines for modeling key power system components, instrument transformers, and protective relays. The material is focused on modeling of low and slow front transients that are applicable to power system protection modeling. The course does not provide modeling guidelines for fast and very fast front transients.

The tutorial will focus on the following areas:


The coordinator of this tutorial is Demetrios A. Tziouvaras of Schweitzer Engineering Laboratories, Inc. Other presenters include: Charlie F. Henville of British Columbia Hydro, Dr. Lubomir Kojovic of Cooper Power Systems, Dr. Peter G. McLaren of the University of Manitoba, Drs. Monhibar S. Sachdev and Tarloshan Sidhu, both of the University of Saskatchewan.
Voltage Flicker (Thursday 8:00 a.m. - 5:00 p.m.) The tutorial will address issues associated with voltage and lamp flicker and will specifically focus on existing IEC flicker standards and their possible adoption in North America. The tutorial content will cover: 1. A History of Voltage Flicker, 2. A Detailed Discussion of the Flicker Meter as Specified by the IEC, 3. Flicker Prediction Methods, 4. Single Customer and System Level Applications of Flicker Limits, and 5. Numerous Application Case Studies Involving Various Fluctuating Loads — Including Welders, Arc Furnaces, and Wood Chippers. The tutorial will familiarize practicing engineers with these flicker measurement and application procedures. The instructors will include internationally recognized experts in the field of flicker measurement, prediction, analysis, and mitigation.

Tours and Inspections
AEP Dolan Technology Center (Monday & Tuesday 1:30 p.m. - 3:30 p.m.) This AEP lab for electrical equipment testing includes high voltage bays, an 1100 KV yard, etc. Some AEP projects that can be seen include LTrax® (GIS-based real-time lightning tracking program), DataPult™ energy data management, the application of EMI signature analysis to assess dielectric integrity of various insulating systems, Distributed Resources testing and evaluations, as well as a 10 kW wind turbine. Cost - $10.

High Voltage Laboratory of The Ohio State University (OSU) (Monday & Wednesday 2:30 p.m. - 4:30 p.m. and 3:30 p.m. - 5:30 p.m.) A unique feature of the OSU Electrical Engineering facilities is the new High Voltage Laboratory consisting of major equipment related to the generation and measurements of high voltage AC, DC and surges. The laboratory has high voltage DC sources (up to 150,000 volts), high voltage AC sources (up to 250,000 volts), a 1,000,000 volt surge generator, a high voltage Tesla transformer (up to 2.5 million volts), various potential dividers and sphere gaps, and related instrumentation. Test capabilities include withstanding, corona and breakdown tests on gaseous, liquid and solid dielectrics, simulation of electric stresses of lightning strokes, electric and magnetic field tests, reduced-scale model tests, fog chamber tests (accelerated aging), and shielding and attenuation experiments. The laboratory is used for academic, research and independent testing. Cost - $10.

Honda of America’s East Liberty Auto Plant (Tuesday 8:30 a.m. - 3:00 p.m.) The East Liberty Auto Plant is the most technologically advanced Honda manufacturing facility in the world. Built at a cost of $683 million, the plant has more than 1,500,000 square feet of space and it boasts more than 2700 associates. With a production capacity of 230,000 cars per year, models currently in production include the Civic Sedan, Civic Coupe and Civic Natural Gas. The plant operations include: stamping, welding, painting, subassembly, testing, quality assurance and shipping. This is the first auto plant to use laser welding and feature extensive use of automated guided vehicles for parts delivery to assembly areas. Lunch and snacks will be provided on the bus. Cost - $25.

United States Air Force Museum (Wednesday 8:00 a.m. - 4:00 p.m.) This facility near Dayton, Ohio is one of the oldest and largest aviation museums in the world. This museum features more than 300 aircraft and missiles in six main galleries. The self-guided walking tour will include displays of the advanced missiles and bombs used during the Persian Gulf War as well as the aircrafts of Presidents Franklin D. Roosevelt, Harry S. Truman, Dwight D. Eisenhower, John F. Kennedy and Lyndon B. Johnson. The exhibit includes the only remaining XB-70 experimental bomber. Also displayed are a B1 bomber, F-111 and F-117 fighters, an SR-71 ‘Blackbird’ and various vintage airplanes from World Wars I and II including those of the foreign nations. An IMAX theater, featuring aviation films, will be included in the tour. Lunch will be available in the museum cafeteria. Cost - $25.

Battelle Memorial Institute (Tuesday & Wednesday 9:30 a.m. - 11:30 a.m.) Established in 1929, Battelle is a leader in developing new technologies and products for manufacturers, pharmaceutical and agrochemical industries as well as government agencies supporting energy, the environment, health, national security and transportation. Battelle has a worldwide staff of 7,500 working on thousands of projects for approximately 2,000 companies and govern-
ment agencies. Typically, this work results in between 50 to 100 patented inventions each year. Examples of Battelle research include: a crucial role in developing the office copier (Xerox); the bar code symbol now used on grocery packaging; electronic commerce technologies for banking, and pioneering work on optical digital recording technology that led to the creation of the compact disc.

The Energy Products Division is focused on commercializing distributed generation products for the energy/utility sector. Products range from portable power systems (batteries and fuel cells) in the 1 to 500-watt range, to stationary, long-lived engine/generator power systems at 5 kW, and technology to enhance the economic competitiveness and boost the output capacity and efficiency of 75 kW microturbines. Cost - $10.

American Electric Power (AEP) Headquarters System Control Center and Telecommunications Network Management Center (NMC) (Tuesday, Wednesday, & Thursday 9:00 a.m. - 11:00 a.m.) View the Control Center from the upper gallery. A description of AEP Systems Operations, including real-time dynamic display board of the AEP electrical system will be provided. The NMC and adjacent telecommunications equipment room are the hub of all AEP voice, data and SCADA networks. The system includes microwave, fiber and dedicated leased lines. It is one of the largest private telecommunication networks in the country. Cost - $10.

INEZ Station Unified Power Flow Controller (UPFC) (Thursday 7:00 a.m. - 6:30 p.m.) Observe the world’s first and most advanced group of Flexible AC Transmission System devices used to control transmission system voltage and power flow. It allows AEP to maximize asset utilization, meet the need for dynamic response, provide new dimensions of control and operating flexibility and defer construction of new facilities. The UPFC is primarily comprised of two 160-MVA voltage-sourced GTO-thyristor based inverters. The technology allows real-time control and dynamic compensation of the transmission system. It provides independent control of the transmission voltage, phase angle, and line impedance. The UPFC also employs a high speed UCA2 (Ethernet/OSI/MMS) LAN and WAN communications between the Inez Station, six remote stations, area dispatching and the corporate office. It utilizes the existing corporate WAN to transmit the control and monitoring of information between the stations. The tour will be limited to 40 people. Lunch will be provided at the Inez Station and snacks will also be provided on the bus. Cost - $35.

Student Program

One of the highlights of the Winter Meeting is the involvement of undergraduate and graduate students from around the world in conference activities. The interaction between industry leaders, professionals, faculty and students creates relationships that spur future collaboration, industry advancements, and more successful career opportunities. Such are the expectations of the Winter Power Meeting 2001, where students are expected to account for more than 10 percent of the registered participants.

The theme of the conference, “Turning The Century,” will be incorporated into the focused student program that will be an integral part of the overall student experience. It will include a student paper/poster competition, a student/faculty/industry luncheon, a Student Professional Awareness Conference (S-PAC), featuring a panel addressing career issues, as well as socializing opportunities. Technical tours for the students will include tours
of The Ohio State University High Voltage Lab and AEP’s Dolan Technology Center. In addition, students will participate in the overall conference program. Information on each day’s activities will be provided at student breakfast meetings.

**Student Paper/Poster Competition**
Undergraduate and graduate students may submit papers prior to the conference and present their work in a poster session at the conference. Awards will be given to students with the top paper/posters. For further information, please e-mail Dick Pawliger at pawliger@iwaynet.net or call (614) 223-1780.

**Student/Faculty/Industry Luncheon (Wednesday 12:00 p.m. - 1:00 p.m.)**
The luncheon will provide an informal setting to discuss the issues that face both college students and the power industry. An industry leader will provide the keynote address. **Cost - $20 for non-students.**

**Student Professional Awareness Conference.** An S-PAC will be provided for students attending the conference. This session will include presentations by a panel of power industry professionals. This is an excellent opportunity to listen to important non-technical aspects of a technical profession addressed by professionals. For further information, please e-mail Jim Watson at j.watson@ieee.org or call 1-(800)-455-9987 (ID-33).

**Student Registration and Travel Expenses.** IEEE Student members will not be charged a registration fee. A limited number of travel grants will be available to cover certain expenses of registered Student Member participants. If students or faculty have specific questions, they may e-mail Tom Jones, Student Program Chair, at tljones@aep.com or call (614) 324-3962.

**Companion and Family Activities**
Many exciting excursions to entertain attendees’ companions will be offered.

**Floral Arranging Workshop (Monday, 9:30 a.m. - 11:00 a.m.)**
Start your week off right! Join the Companions Hospitality Committee and learn how to arrange dried and/or silk flowers into elegant bouquets. All participants of the workshop will have a chance to win these fabulous bouquets. **Cost - FREE.**

**Lunch at AEP River Room/Columbus City Tour (Monday, 11:15 a.m. - 3:00 p.m.)**
The event will begin with a lunch at the American Electric Power River Room, and heads out on a tour of the downtown and historic neighborhoods of Columbus. Learn the architectural history, historical and contemporary landmarks and geologic information of Ohio’s Capital City. Lastly, a tour of The Ohio State University, home of 54,000 students and The Ohio State Buckeyes will conclude the afternoon event. **Cost - $20.**

**Jeffersonville Outlet Mall (Tuesday, 9:00 a.m. - 4:00 p.m.)**
Shop till you drop at Jeffersonville Outlet Mall where you will find something for everyone and save 30 - 70 percent off regular store prices! Shop at a large variety of famous shops such as Ann Taylor, Rebok, Guess, Children’s Place, Coach, Spiegel, and Welcome Home, to name a few. This is a fun-filled day-long event for all members of the family to enjoy. **Cost - $15.**

**Bexley Tour/Lunch at Columbus Country Club (Wednesday, 9:30 a.m. - 2:30 p.m.)**
Tour the Franklin Park Conservatory which houses more than 400 species of tropical plants including its orchid and bonsai collection. Tour the Jeffrey Mansion, a former residence of the prominent Jeffrey family, and enjoy lunch at the Columbus Country Club, a Georgian style clubhouse. Columbus Country Club hosted the 1964 PGA Golf Tournament and is Columbus’ oldest private country club. **Cost - $30.**

**Easton Town Center (Thursday, 10:00 a.m. - 4:00 p.m.)**
Shop till you drop at Easton Center. There are too many fabulous stores to mention. When you get tired of shopping, stop and take in a movie at Planet Movies or enjoy Game Works. Savor lunch at the Cheesecake Factory, Ocean Club, Brio’s or P.F. Chang’s on your own. **Cost - $10.**
Bingo/Columbus Nationwide Arena (Friday, 9:00 a.m. - 2:00 p.m.) - Enjoy a morning of Bingo and win lots of prizes. After Bingo, take a walk to the new Nationwide Arena — the home of the Columbus Blue Jackets Hockey Team — for a tour. Stop for lunch at one of the restaurants (on your own) near the arena or at the North Market. **Cost - FREE.**

**Social Events**

**Sunday Informal Reception** (Sunday 4:00 p.m. - 6:00 p.m.) - All registrants and their registered companions are cordially invited to attend this informal reception in the Regency Ballroom of the Hyatt Regency Hotel, which will include hors d’oeuvres and a cash bar.

**Conference Banquet** (Monday 6:00 p.m. - 10:00 p.m.) - A complimentary gala banquet for all conference registrants and registered companions will be held in the Regency Ballroom of the Hyatt Regency Hotel. A social hour will precede the dinner, which will be followed by entertainment.

**Social Event at the Center of Science & Industry** (Wednesday 6:00 p.m. - 10:00 p.m.) - Tickets for registrants and registered companions can be purchased for this event to be held at Columbus’s fascination destination, the new Center of Science and Industry (COSI). At COSI, attendees will be dazzled, amazed and delighted as they explore one incredible world after another. Visitors can travel through time in the fictional town of PROGRESS, as they experience the years 1898 and 1962 and discover the hopes and fears surrounding the invention of electric light, the horseless carriage as well as the age of nuclear power and space travel. The LIFE exhibit tells the story of the human body - so that visitors can explore the workings of the mind, body and spirit through powerful, interactive exhibits. In GADGETS, participants can tinker around in a fascinating world full of fun and funky devices, explore lasers, gears, pulleys, giant propellers and more. Attendees can also explore SPACE, and celebrate humanity’s unending quest into the cosmos in COSI’s newest exhibition area.

Food and drink will be plentiful, featuring a sumptuous buffet which attendees can enjoy as they stroll through COSI’s exhibit areas. No one should miss this opportunity to see one of the newest and largest interactive science museums in the world! **Cost - $30. (Free for children)**

**Attendees’ Breakfasts**

All meeting participants are invited to enjoy a complimentary breakfast before each day’s events.

**Presenters’ Breakfasts**

By invitation, the presenters, authors, panelists and session chairs will meet at a breakfast on the day of their sessions. This will enable them to become acquainted, discuss their session arrangements, confirm visual aid equipment needs (See Audio-Visual Presentation Needs) and agree on session details.

**Awards Luncheon**

The Awards Luncheon will be held at noon on Tuesday, in the Regency Ballroom of the Hyatt Regency Hotel. Registrants may purchase a luncheon ticket for $10.

During the Awards Ceremony, IEEE and PES will honor engineers with the presentation of the IEEE Herman Halperin Electric Transmission and Distribution Award, IEEE Nikola Tesla Award, the IEEE/PES Student Prize Paper Award, in honor of T. Burke Hayes, and recognition of newly elected IEEE/PES Fellows. Join us in recognizing our distinguished members.

**Registration Information**

Registration fees for IEEE members are $295, prepaid, if received by January 5, 2001, and $345 for members registering after this date or at the meeting. Nonmember registration fees are $425, prepaid, or $475 at the meeting, or after January 5, 2001. Qualified attendees are invited to join IEEE and PES at the meeting. The $130 differential between Member and Nonmember fees can be applied toward first year membership dues. Member and Nonmember companion fees are $30 for advance, or $35 for on-site registration.

There are no registration fees for IEEE Student Members with proper I.D. cards, Life Members and their companions, as well as, members of the press. However, there will be a charge for the Awards Luncheon and other special activities as shown on the registration form. All attendees, including the presenters, are required to pay the appropriate fees. All registration and event fees must be paid in U.S. dollars.

Registration requests received after January 5, 2001, will be processed at the higher on-site rates. Badges and tickets for those who register in advance will be available in the Registration area at the Advanced Registration pick-
up desk after noon on Sunday, January 28. Refunds will be issued for advance registration fees only if a written request is received by January 5, 2001. There is a service charge of $30 for processing a refund.

On-site meeting registration will take place on Sunday, January 28 from noon till 6:00 p.m. Registration hours, Monday through Thursday, will be from 7:30 a.m. until 4:30 p.m. Registration will be on the third floor of the Greater Columbus Convention Center, near the entrance of Battelle Hall, next to the Hyatt Regency Hotel. Registration badges must be displayed for admission to all technical, panel, special and tutorial sessions, inspection trips and companion activities.

**Conference Proceedings**

One copy of Conference Proceedings, in CD-ROM, will be available free for each paying attendee and Life Members. Additional copies can be purchased at the conference, or after the conference from IEEE, for $50 each.

**Paper Sales Room**

Conference Proceedings and other publications will be available for pick-up/sales in this room.

**Keepsake Booth**

Visit the conference Keepsake Booth for gifts for loved ones or those who stayed behind to do the work. Keepsakes will be located near the Registration and Information Booths. Available for purchase will be polar fleece shirts, windshirts, golf shirts, cambray shirts, T-shirts, ball caps, travel mugs, and “stress-busting” items for those day-long meetings. Prices will range from $4 to $40. Check your registration packet for discount coupons.

**Audio-Visual/Presentation Needs**

Each technical session room will be equipped with an overhead projector and a LCD projector for laptop generated presentations. Speakers are required to bring their laptop computers for their presentations. As a safeguard, conference organizers recommend that speakers bring transparencies for overhead projectors for backup in case of a technical difficulty.

**Presenters Preparation Room**

LCD and overhead projectors, similar to those in the meeting rooms, will be provided in this room for presenters to be familiar with the equipment used in the meeting rooms.
**HOSPITALITY SUITES AND EXHIBITS**

Companies or organizations wishing to sponsor hospitality suites and/or exhibits should contact Tai C. Wong for information and instructions. Please call (614) 223-1247, FAX (614) 223-1292, or E-mail: tcwong@aep.com

**AIRLINE DISCOUNTS**

These carriers offer five to 10 percent off the lowest applicable fares. Call the 800 numbers below three, seven or 14 days in advance to receive the discounts and ticketing information.

- **American Airlines**
  800-433-1790 I ID#: AN7011UG

- **Continental Airlines**
  800-468-7022  ID#: NVXS9P

- **America West**
  800-548-7575 ID#: 7384

**CAR RENTAL DISCOUNTS**

Call the 800 number below to receive special group discount rates in Columbus, OH.

- **Avis**
  800-331-6000 AWD#: A606098

- **Budget**
  614-471-2434 or 800-937-3930 Rate Code: IEEE

**DRIVING DIRECTIONS FROM PORT COLUMBUS INTERNATIONAL AIRPORT**

**Directions to the Hyatt Regency**

Take International Gateway (the main exit from the airport) and follow signs to downtown I-670 West. Take I-670 West to the Third Street Exit. At the stoplight at the bottom of the off-ramp, turn left onto Chestnut. Go one block to the light and turn left on 4th Street. Go one block through the stop sign and turn left on Nationwide Blvd. The Hyatt Regency is on the right hand side.

**Directions to the Crowne Plaza**

Take International Gateway (the main exit from the airport) and follow signs to downtown I-670 West. Take I-670 West to the Third Street Exit. At the stoplight at the bottom of the off-ramp, turn right onto Chestnut. Go one block to the light and turn right on High Street. Go one block, turn right on Nationwide Blvd. The Crowne Plaza is on the right hand side.

**Directions to the Adam’s Mark**

Take International Gateway (the main exit from the airport) and follow signs to downtown I-670 West. Take I-670 West to the Third Street Exit. The Adam’s Mark Hotel is on the left hand side of Third Street (five blocks from I-670 off-ramp).

**Directions to the Hyatt on Capitol Square**

Take International Gateway (the main exit from the airport) and follow signs to downtown I-670 West. Take I-670 West to the Third Street Exit. The Hyatt on Capitol Square is on the right hand side of Third Street (seven blocks from I-670 off-ramp)

**Airport Shuttle**

Shuttle service runs every 30 minutes, at 10 minutes and 40 minutes past the hour. The shuttle service goes to any downtown hotels, at a cost of $8.50 one-way. Travel time is about 15 minutes.

**Taxi Service**

Taxi service is available at a cost of about $14, with travel time of about 15 minutes.
Advance Registration Form  
IEEE Power Engineering Society Winter Meeting 2001  
January 28 - February 1, 2001 - Columbus, OH, USA

- Prepaid Advance Registrations must be postmarked or faxed no later than January 5, 2001. Full payment must be received before registration is processed.
- Secure On-Line Registration: http://www.ieee.org/power. No registrations will be accepted by telephone.
- To Register using this form: Fill out this form completely - one form per person. Use another form for companions, including name of conference participant.
- Full payment must be received before registration is processed.

Don't forget to make your HOTEL reservations!

REGISTRANT INFORMATION (Please type or print clearly)

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Mailing address, number and street

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Phone number

Fax number

IEEE membership number & grade/Including Student

PES Chapter name

If Spouse or Companion, name of Conference Participant

E-mail address

* Please CIRCLE all appropriate responses/selections in all sections below:

A  Manufacturer  
B  Government  
C  Consultant  
D  Marketing  
E  Utility  
F  School  
G  Author  
H  Panelist  
I  IEEE Officer  
J  Session Chair  
K  Committee Chair

REGISTRATION CATEGORIES

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<tr>
<th>Pre-Reg (&lt;1/5/01)</th>
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<tr>
<td>A Sun 8:00 am. - 3:00 pm. Special Educational Session (price includes lunch)</td>
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<td>B Tue 8:00 am. - 5:00 pm. Power System Fundamentals</td>
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<td>C Wed 8:00 am. - 5:00 pm. Electromagnetic Transient Program Applications to Power System Protection</td>
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<td>D Thu 8:00 am. - 5:00 pm. Voltage Flicker</td>
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SPECIAL EVENTS

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<tr>
<td>A Tue 12:00 pm. Awards Luncheon</td>
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<td>B Wed 12:00 pm. Student/Faculty/Industry Luncheon (Non-Student member ticket)</td>
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<tr>
<td>C Wed 12:00 pm. Student/Faculty/Industry Luncheon (Student member ticket - NO Charge)</td>
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<tr>
<td>D Thu 6:00 pm. COSI Social Event/Buffet Dinner (Registrants &amp; registered companions only)</td>
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TECHNICAL TOURS (circle preferred day and time; meeting registrants & registered companions only)

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<tbody>
<tr>
<td>A Mon 2:30 pm. High Voltage Lab of the Ohio State University</td>
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<td>B Mon 3:30 pm. Columbus Power Witness Center</td>
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<tr>
<td>C Wed 2:30 pm. D Wed 3:30 pm. American Electric Power System Control Center and NMC</td>
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<tr>
<td>E Tues 9:30 am. J Wed 9:30 am. Battelle Memorial Institute</td>
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<td>F Wed 9:00 am. Inez Station Unified Power Flow Controller (UPFC) (price includes lunch)</td>
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<td>G Thurs 9:00 am. Honey’s East Liberty Auto Plant (price includes lunch)</td>
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<td>H Thurs 7:00 am. Dolan Technology Center</td>
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<td>I Tues 9:30 am. J Wed 9:30 am. Easton Town Center</td>
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<td>L Tues 1:30 pm. Columbus Country Club (price includes lunch)</td>
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<td>M Tues 8:30 am. Bingol/Columbus Nationwide Arena</td>
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<td>N Wed 8:00 am. United States Air Force Museum</td>
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COMPANION ACTIVITIES (open to all registrants)

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<tr>
<td>A Mon 9:30 am. - 11:00 am. Floral Arranging Workshop</td>
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<tr>
<td>B Mon 11:15 am. - 3:00 pm. Columbus City Tour/Lunch at AEP River Room (price includes lunch)</td>
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<tr>
<td>C Tue 9:00 am. - 4:00 pm. Jeffersonville Outlet Mall</td>
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<tr>
<td>D Wed 9:30 am. - 2:30 pm. Bexley Tour/Lunch at Columbus Country Club (price includes lunch)</td>
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<td>F Fri 9:00 am. - 2:00 pm. Bingol/Columbus Nationwide Arena</td>
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TOTAL REMITTANCE (All payments must be in US $: Checks must be drawn on a US Bank made payable to: IEEE PES WM01)

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Card Number __________________________ Expiration Date: ________________ Billing Zip Code: ______________________

Cardholder’s Name __________________________ Signature __________________________

Refund Policy: Refunds will be issued for advance registration fees if written requests are received by January 5, 2001. There is a service charge of US $30 for processing refunds. Refunds are offered for the meeting registration fee only, not for event tickets. However, you may post notice of your event tickets for resale at the conference. No refunds will be processed at the meeting.
Hotel Reservation Request Form
IEEE Power Engineering Society 2001 Winter Meeting
January 28 – February 1, 2001 Columbus, Ohio USA
Housing Reservation Deadline: Friday January 12, 2001. Higher rates may apply to reservations made after this date!

IMPORTANT INSTRUCTIONS (please print or type all information)
1. Reservation Requests are processed on a first-come, first-served basis.
2. Acknowledgement of your request, which will be sent by the Housing Bureau, and confirmation of your reservation, which will be sent by the hotel, will be directed to the individual named below.
3. If additional rooms are needed, please make a copy of this form.
4. To guarantee your room you MUST supply your credit card number on this form, or send a check to the hotel after you receive confirmation. Credit cards will be used for guarantee purposes only.
5. All changes and cancellations prior to the housing deadline (Jan. 12) must be submitted to the Housing Bureau via mail, fax, or email to housing@columbuscvb.org. No phone calls please. After the deadline, you may contact your hotel directly. Please see hotel confirmation for specific hotel policies regarding cancellations. For room upgrades, please contact your assigned hotel.

Name: ________________________________

Affiliation: ________________________________

Address: ____________________________________________________________

City: __________________ State/Country: __________ Postal Code: _______

Daytime Phone: __________________ Fax: __________________

Email Address: ________________________________

Names of all room occupants (required if requesting a double, triple, or quadruple room)

__________________________________________________________

Credit Card #: __________________ Expiration Date: __________

Cardholders’s Name: __________________ Signature: __________

Hotel Preference: You must indicate three choices. Please place a number 1-3 in the first column indicating which hotels are your first, second and third choices and circle the type of room you are requesting. Every attempt will be made to reserve a room at one of the choices you indicated, but an alternate hotel will be assigned if necessary.

Listed rates do not include the 15.75% hotel tax.

<table>
<thead>
<tr>
<th></th>
<th>Hotel</th>
<th>Single</th>
<th>Double</th>
<th>Dbl/Db1</th>
<th>Triple</th>
<th>Quad</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>Hyatt Regency Columbus Conference Headquarters Hotel</td>
<td>$126</td>
<td>$136</td>
<td>$136</td>
<td>$146</td>
<td>$156</td>
</tr>
<tr>
<td>2</td>
<td>Crowne Plaza Attached to Headquarters Hotel</td>
<td>$115</td>
<td>$125</td>
<td>$125</td>
<td>$135</td>
<td>$145</td>
</tr>
<tr>
<td>3</td>
<td>Adam’s Mark Hotel 4 Blocks from Headquarters Hotel</td>
<td>$107</td>
<td>$117</td>
<td>$117</td>
<td>$127</td>
<td>$137</td>
</tr>
<tr>
<td>4</td>
<td>Hyatt on Capitol Square 6 Blocks from Headquarters Hotel</td>
<td>$124</td>
<td>$134</td>
<td>$134</td>
<td>$144</td>
<td>$154</td>
</tr>
</tbody>
</table>

Arrival Date/Time __________________________ Departure Date __________________

List any special needs/requests __________________

Mail or fax forms to:
GCCCVB Housing Bureau/IEEE, 90 N. High Street, Columbus, Ohio 43215
Fax: +1 614 222 6140
Housing application available on-line at www.ieee.org/power. Click on WM2001 button.
You may be the only individual in your organization to receive this brochure, so please share it with others who may be interested in attending Winter Meeting 2001. Thank you for your consideration and support.