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## CONFERENCE INFORMATION

Detailed Program  
Keynote Speakers  
Registration Information  
Hotel Reservations

## BENEFITS OF ATTENDING THIS CONFERENCE

This will be the first time that the North American Conference of IAEE will be held in Mexico. Over the last decade, the country has undergone remarkable change. Trade with the US and Canada has tripled since the implementation of NAFTA in 1994. Just a decade ago, Mexico was barely ranked in world trade but by 2001 had risen to a top-ten position. Mexico and Canada each generate about 2% of the world's GDP and both countries are major producers and consumers of energy. The election of President Vicente Fox in July 2000 has led to ambitious plans to restructure the Mexican economy and energy sector. With the US as a major market for Canadian and Mexican exports, interest in the formation of a regional energy market is escalating in all three countries. This conference will provide attendees the opportunity to join with industry leaders and prominent researchers and share their vision of the important issues, obstacles, terms and conditions driving this integration.

## WHO SHOULD ATTEND

Energy Company Executives & Managers  
Energy Policy Analysis  
Governmental Employees in  
Energy Resource Planning  
Academics Specializing in Energy  
Policy & Analysis  
Electricity Pricing and Market Analysis  
Energy Consultants  
Energy Company Planning  
Economists Energy Risk and  
Derivatives Specialists  
Oil and Natural Gas Executives  
Energy Rate Executives  
Electric and Utility Supervisors  
Energy Environmental Analysis  
Geologists and Engineers  
Environmentalists  
Energy Journalists

United States Association for Energy Economics  
Asociación Mexicana para la Economía Energética  
[www.usaee.org](http://www.usaee.org)

# mexico 2003

OFFICIAL CONFERENCE PROGRAM  
23rd IAEE North American Conference  
VI Congreso Anual de la AMEE  
Camino Real Hotel-Mexico City

Supported By

October 19-21 2003



## Integrating the Energy Markets in North America: Issues & Problems, Terms & Conditions

### CONFERENCE SPONSORS

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Strategic Energy & Economic Research Inc.  
Universidad Nacional Autónoma de México  
U.S. Department of Energy  
World Energy Council

### SESSION THEMES & TOPICS

Role of the State Owned Utilities in North America  
Chairs: Andre Plourde (Canada),  
Daniel Resendiz (Mexico)

North American Energy Security and Reliability  
Chairs: Juan Eibenschutz (Mexico)  
Barry Worthington (USA)

Environment and Energy in North America  
Chairs: Rafael Fernandez de la Garza (Mexico),  
Jean-Thomas Bernard (Canada)

Energy Trade and Transportation: Forward or Reverse?  
Chairs: Joseph M. Dukert (USA),  
Shirley J. Neff (USA)

Oil and Gas in Mexico  
Chairs: Roberto Osegueda (Mexico),  
José A. Ceballos (Mexico)

Gas and Power—Convergence or Divergence?  
Chairs: Michelle Michot Foss (USA),  
Javier Estrada (Mexico)

International Association for Energy Economics  
Canadian Association for Energy Economics

# 23rd IAEE North American Conference

Supported by USAEE, IAEE, AMEE and CAEE

## Integrating the Energy Markets in North America: Issues & Problems, Terms & Conditions

Dear Colleague:

We are pleased to announce the 23<sup>rd</sup> IAEE North American Conference entitled, *Integrating the Energy Markets in North America: Issues & Problems, Terms & Conditions*, scheduled for October 19-21, 2003, in Mexico City at the Camino Real Hotel.

Please mark your calendar for this important conference. Some of the key themes and sessions for the conference are listed below. The plenary sessions will be interspersed with concurrent sessions designed to focus attention on major sub-themes. Ample time has been reserved for more in-depth discussion of the papers and their implications.

### **North American Energy Security and Reliability**

Session Co-Chairs: Juan Eibenchutz, CNSNS-Mexico and  
Barry Worthington, U.S. Energy Association

- Interdependence
- Opportunities
- Vulnerabilities

### **Energy Trade and Transportation: Forward or Reverse?**

Session Co-Chairs: Joseph M. Dukert, Energy Consultant and  
Shirley J. Neff, Goldwyn International Strategies

- Competitive economics or dated policies
- Transparency and regulatory harmonization
- Corporate interests versus political realities

### **Gas and Power—Convergence or Divergence?**

Session Co-Chairs: Michelle Michot Foss, University of Houston  
and Javier Estrada, Consultant

- Midstream issues: affiliate, market power
- LNG: myth or reality?
- What if low gas prices really were the excuse for power restructuring?

### **Environment and Energy in North America**

Session Co-Chairs: Rafael Fernandez, PEMEX-Mexico and  
Jean T. Bernard, Universite Laval

- Present energy/environmental state of affairs under NAFTA
- U.S. energy policy and growing environmental concerns
- Looming regional environmental challenges

### **Oil and Gas in Mexico**

Session Co-Chairs: José A. Ceballos, PEMEX and  
Roberto Osegueda, PEMEX

- Oil and gas reserves
- Natural gas supply-demand balance
- PEMEX strategic plan 2003-2011

### **Role of State Owned Utilities in North America**

Session Co-Chairs: Andre Plourde, University of Alberta and  
Daniel Reséndiz, CFE

- Present role of state owned utilities (SOUs)
- Obstacles/opportunities created by SOUs
- SOUs' role vis a vis private enterprises

Mexico City is a city filled with history and a great place to begin or end a pre/post vacation. Accommodations at the beautiful Camino Real Hotel are \$110.00 per night. Contact the Camino Real Hotel at 5255-5263-88-99 to make your reservations. Conference registration fees are US \$570.00 for USAEE/IAEE/AMEE/CAEE members and US \$670.00 for non-members. Your registration fee includes 2 lunches, a dinner, 3 receptions and numerous coffee breaks, all designed to increase your opportunity for networking. These prices make it affordable for you to attend a conference that will keep you abreast of the issues that are now being addressed on the energy frontier.

The enclosed registration materials detail a program overview, hotel and conference reservation and fees, tours and information on historic Mexico City. Please take advantage of the pre-registration discounts and make both your conference and hotel reservations as soon as possible. October in Mexico City is beautiful as the rainy season has ended and a spring-like ambiance occurs. Please make your hotel reservations early by contacting the Camino Real Hotel (information provided above and further on in this program announcement).

Further information on Mexico City and Mexico may be obtained at [www.mexico-travel.com](http://www.mexico-travel.com) or [www.mexicocity.com.mx](http://www.mexicocity.com.mx)

If you have any questions regarding this conference, please contact David Williams at USAEE Conference Headquarters (216-464-2785 / [usaee@usaee.org](mailto:usaee@usaee.org) or [www.usaee.org](http://www.usaee.org)). We look forward to seeing you at the 23<sup>rd</sup> IAEE North American Conference supported by USAEE, IAEE, AMEE and CAEE.

Sincerely,

Adam Sieminski  
USAEE President

General Conference Co-Chairs

Jose Gonzalez Santalo  
AMEE President

Andre Plourde  
CAEE President

## Sunday, October 19

### USAAE COUNCIL MEETING

(By Invitation)

9:00 am to 12:00 n

Guerrero Room – 1<sup>st</sup> Floor

### USAAE/IAEE COUNCIL LUNCH

(By Invitation)

12:00 n to 1:00 pm

Camelias Room – 1<sup>st</sup> Floor

### IAEE COUNCIL MEETING

(By Invitation)

1:00 pm to 5:00 pm

Guerrero Room – 1<sup>st</sup> Floor

### REGISTRATION

4:00 pm to 7:30 pm

Registration Desk – Outside of Taxco/  
Friedeberg Rooms

### OPENING RECEPTION

6:00 pm – 7:00 pm

Camelias and Arcoiris Rooms

### VIP/COUNCIL DINNER

(By Invitation)

7:15 pm – 10:30 pm

La Hacienda de los Morales

## Monday, October 20

### REGISTRATION

7:30 am – 7:30 pm

Registration Desk – Outside of Taxco/  
Friedeberg Rooms

### CONTINENTAL BREAKFAST

8:00 am – 9:00 am

Friedeberg Foyer Area

Sponsored by BP America, Inc.

### WELCOME & INTRODUCTION

9:00 – 9:30 am

Chapultepec II – 3<sup>rd</sup> Floor

#### Jose Miguel Gonzalez Santalo

AMEE President  
Mechanical Systems Director  
Instituto de Investigaciones Elect.

#### Adam E. Sieminski

USAAE President  
Director & Global Energy Strategist  
Deutsche Bank AG London

#### Andre Plourde

CAEE President  
Associate Assistant Deputy Minister of Energy  
Natural Resources Canada

#### Michelle Michot Foss

IAEE President  
Executive Director, Institute for Energy, Law  
& Enterprise  
University of Houston

### KEYNOTE ADDRESS

9:30 to 10:20 am

Chapultepec II – 3<sup>rd</sup> Floor

### MEXICO'S ENERGY POLICY

#### Francisco Barnes

Undersecretary for Hydrocarbons  
Government of Mexico

### INAGURAL ADDRESS

10:20 to 10:30 am

Chapultepec II – 3<sup>rd</sup> Floor

#### Felipe Calderon Hinojosa (invited)

Secretary of Energy  
Government of Mexico

### COFFEE BREAK

10:30 to 11:00 am

Friedeberg Foyer Area

Sponsored by Strategic Energy &  
Economic Research

### EXHIBITS

10:30 am – 6:30 pm

Oaxaca C Room

### DUAL PLENARY SESSIONS

11:00 to 12:30 noon

NORTH AMERICA ENERGY SECURITY  
AND RELIABILITY

Chapultepec II Room – 3<sup>rd</sup> Floor

#### Juan Eibenschutz, Presiding

Director General  
Comision Nacional de Seguridad Nuclear y  
Salvaguardias

And

#### Barry Worthington, Presiding

Executive Director  
US Energy Association

Panel

#### Adrian Lajous

President  
Petrometrica

#### Felix Kwamena

Director, Energy Infrastructure Protection  
Division  
Natural Resources Canada

#### Michehl Gent

President  
North American Electric Reliability Council

#### Paul Tempest

CEO  
Windsor Energy Group

ENERGY TRADE AND TRANSPORTA-  
TION: FORWARD OR REVERSE?

Molino del Rey A Room – 3<sup>rd</sup> Floor

#### Shirley J. Neff, Presiding

Senior Advisor  
Goldwyn International Strategies

And

Joseph M. Dukert, Presiding  
Independent Energy Consultant

Panel

#### Dionisio Pérez-Jácome

President  
Comisión Reguladora de Energia

#### Carmen Dybwad

Member  
National Energy Board, Canada

#### William J. Froehlich

Director, Office of Administrative Litigation  
Federal Energy Regulatory Commission

### AMEE GENERAL MEETING

12:30 – 1:00 pm

Molino del Rey A Room – 3<sup>rd</sup> Floor

### USAAE GENERAL MEETING

12:30 – 1:00 pm

Chapultepec II Room Room

### CAEE GENERAL MEETING

12:30 – 1:00 pm

Alcatrazes Room

### AWARDS LUNCHEON

1:00 - 3:00 pm

Del Sol (Jardin/Acroiris/Camelias) Rooms

#### Adam E. Sieminski, Presiding

Director & Global Energy Strategist  
Deutsche Bank AG London

### SPECIAL LUNCHEON SESSION

Near Term Gas Prices

#### Ernesto Marcos, Chair

Socio Director  
Marcos y Asociados S.C.

#### Guy Caruso

Administrator  
Energy Information Administration

#### Matthew R. Simmons

Chairman & CEO  
Simmons & Company International

#### Jose de Jesus Valdez

Director General  
Grupo Alpek

#### Paul Ziff

President  
Ziff Energy Group

### CONCURRENT SESSIONS - 1 TO 6

3:00 - 4:30 pm

- 1 PROSPECTS FOR OIL  
Chapultepec II Room - 3rd Floor
- 2 HYDROGEN ECONOMY  
Molino del Rey A Room - 3rd Floor
- 3 NATURAL GAS CHALLENGE IN  
NORTH AMERICA  
Puebla Room
- 4 INTEGRATION OF ELECTRICITY  
MARKETS  
Veracruz Room

5 INVESTMENT ENVIRONMENT IN  
RESTRUCTURED ELECTRICITY  
MARKETS

Guanajuato Room

6 EMISSIONS & ENERGY

Morelia Room

**COFFEE BREAK**

4:30 to 5:00 pm

*Friedeberg Foyer Area*

**CONCURRENT SESSIONS – 7 TO 12**

5:00 - 6:30 pm

7 OIL PRICES & MARKETS

Chapultepec II Room - 3rd Floor

8 CHALLENGES TO RESTRUCTURING  
ELECTRICITY MARKETS

Molino del Rey A Room - 3rd Floor

9 ELECTRICITY MARKET ISSUES

Puebla Room

10 CLIMATE CHANGE

Veracruz Room

11 INTEGRATION OF GAS MARKETS

Guanajuato Room

12 ENERGY EFFICIENCY AS  
A RESOURCE

Morelia Room

**RECEPTION**

7:30 – 8:30 pm

*Palacio de Minería*

*Bus Transportation to the Palacio will  
leave at 7:00 pm from the hotel's Leibnitz  
Street entrance (near la Huerta cafeteria)*

**GALADINNER**

8:30 – 10:30 pm

*Palacio de Minería*

**Francisco Barnes, Presiding**  
Undersecretary for Hydrocarbons  
Government of Mexico

*The Future of Climate Change*

**Mario Molina**

Chemistry Nobel Prize Winner  
Professor

Massachusetts Institute of Technology

**Tuesday, October 21**

**REGISTRATION**

7:00 am – 7:00 pm

*Registration Desk – Outside of Taxco/  
Friedeberg Rooms*

**STUDENT SCHOLARSHIP MEETING**

*(By Invitation)*

7:30 to 9:00 am

*Guerrero Room – 1<sup>st</sup> Floor*

**THE EXXONMOBIL LONG-TERM  
ECONOMIC & ENERGY OUTLOOK  
BREAKFAST**

7:30 – 9:00 am

*Del Sol (Jardin/Acroiris/Camelias) Rooms*

**Elissa P. Sterry**

Manager, Economics and Energy  
ExxonMobil

**EXHIBITS**

8:00 am – 7:00 pm

*Oaxaca C Room*

**DUAL PLENARY SESSIONS**

9:00 – 10:30 am

GAS AND POWER – CONVERGENCE OR  
DIVERGENCE?

*Chapultepec II Room*

**Michelle Michot Foss, Presiding**  
Executive Director, Institute for Energy, Law  
& Enterprise  
University of Houston

*And*

**Javier H. Estrada, Presiding**  
Consultant

*Panel*

**Paul H. Ziff**

President  
Ziff Energy Group

**Vito Stagliano**

Vice President  
Calpine Corporation

**Eduardo Hermenegildo Buendía Domínguez**

Subgerente de Cogeneración y  
Autoabastecimiento

CFE

ENVIRONMENT AND ENERGY IN  
NORTH AMERICA

*Molino del Rey A Room*

**Rafael Fernandez de la Garza, Presiding**  
Corporate Director for Industrial Safety and  
Environment

PEMEX

*And*

**Jean-Thomas Bernard, Presiding**  
Professor Department of Economics  
University of Laval

*Panel*

**Carlos Mena B.**

Advisor to the Secretary  
Secretaria del Medio ambiente y Recursos  
Naturales

**Michael Beale**

Executive Director  
Economic and Regulatory Affairs Directorate  
Environment Canada

**Carlos A. Rincón**

US-Mexico Project Director  
Environmental Defense

**William Kennedy (tentative)**

Executive Director  
Commission for Environmental Cooperation  
of North America

**COFFEE BREAK**

10:30 to 11:00 am

*Friedeberg Foyer Area*

**CONCURRENT SESSIONS - 13 TO 18**

11:00 - 12:30

13 TRANSMISSION ISSUES IN ELEC-  
TRICITY INDUSTRY

Chapultepec II Room - 3rd Floor

14 TRANSPORTATION ISSUES

Molino del Rey A Room - 3rd Floor

15 PROSPECTS FOR GREEN POWER

Puebla Room

16 NAFTA & ENERGY

Veracruz Room

17 MEXICAN OIL

Guanajuato Room

18 COMMON ENERGY POLICY: THE  
CASE FOR ELECTRICITY SUPPLY.  
PROBLEM OR CHANGE?

Morelia Room

**LUNCH**

12:30 - 2:30 pm

*Del Sol (Jardin/Acroiris/Camelias) Rooms*

**Michelle Michot Foss, Presiding**  
Executive Director, Institute for Energy,  
Law & Enterprise  
University of Houston

*Drivers of the Energy Scene. What Are  
They? Where Do They Head Us?*

**Jean Marie Bourdairé**

Director of Studies  
World Energy Council

**DUAL PLENARY SESSIONS**

2:30 - 4:00 pm

OIL AND GAS IN MEXICO

*Chapultepec II Room*

**José A. Ceballos, Presiding**  
Director for Corporate Operations  
PEMEX Corporativo

*Panel*

**Luis Ramírez C.**

Director General  
Pemex Exploración & Producción

**Roberto Osegueda**

Director for Corporate Planning  
Pemex Corporativo

**Marcos Ramírez S.**

Director General  
Pemex Gas y Petroquímica Básica

**Juan Bueno Torio**

Director General  
Pemex Refinación

ROLE OF STATE OWNED UTILITIES  
IN NORTH AMERICA

*Molino del Rey A Room*

**Andre Plourde, Presiding**  
Associate Assistant Deputy Minister of Energy  
Natural Resources Canada

*And*

**Daniel Reséndiz, Presiding**  
Corporate Deputy Director for Planning  
Comisión Federal de Electricidad

### *Panel*

**José Luis Aburto**  
President  
Petrelec Consultants

**Mitchell P. Rothman**  
Principal  
Navigant Consulting, Ltd.

**Bradley Patterson**  
VP & General Manager  
Duke Energy International Mexico

### **COFFEE BREAK**

**4:00 to 4:30 pm**  
**Friedeberg Foyer Area**

### **CONCURRENT SESSIONS - 19 TO 24**

**4:30 to 6:00 pm**

19 REVIEW OF ENERGY AND ENVIRONMENT IN MEXICO  
Chapultepec II Room - 3rd Floor

20 MEXICAN POWER  
Molino del Rey A Room - 3rd Floor

21 RETAIL ELECTRICITY ISSUES  
Puebla Room

22 OIL, POLITICS & ECONOMY  
Veracruz Room

23 GENERATION TECHNOLOGIES AND CHALLENGES

Guanajuato Room

24 IMPACT OF THE ENERGY SECTOR, ITS DEVELOPMENT AND ITS ORGANIZATION, ON THE DEMAND FOR SERVICES FROM ENGINEERING AND CONSULTING COMPANIES

Morelia Room

### **CLOSING RECEPTION**

**6:00 – 7:00 pm**

**Friedeberg Foyer Area**

### **WASHINGTON PLANNING DINNER**

*(By Invitation)*

**8:30 – 10:30 pm**

**Alcatrazes Room**

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### **GALA DINNER**

The “Palacio de Minería” (Palace of Mining) is a 18th century construction designed and built by one of the most recognized architects and sculptors of his time, Tolsa.

It is located in the center of the city and it is a majestic building with a fantastic central patio and beautiful rooms such as the formal meeting room, the library and the chapel. It housed the first Engineering School in Mexico, the School of mining, belonging to the National University, which is the first University in the continent, established in 1561. At the entrance there are in exhibit a few asteroids that crashed in Mexico during the XIX century.

The building served also as the school of Engineering for the National University until 1960, when all schools were moved to the “Ciudad Universitaria” in the southern part of Mexico City.

The building was restored to its initial splendor by the alumni of the school of engineering and now serves as the home for the engineering societies of Mexico, the Center for Continuous Education and the Academy of Engineering, as well as being one of the preferred locations for formal events of all kinds.

All through the XX century, until the 1960’s, the Palacio was the location for the traditional engineering school dance, a tradition that unfortunately has been forgotten. However, every year the Alumni Association has a luncheon with attendance in the order of 600 people and the Palacio is the most important symbol of the engineering community in Mexico.

The surrounding area is full of magnificent palaces, such as the Post Office building, the Secretariat of Education building, with great murals by Diego de Rivera, an Aztec temple that was uncovered underneath the Government Palace, the Cathedral, etc., which makes the area one of the nicest places to walk during the mornings or afternoons.

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### **CONFERENCE SPONSORS**

Sponsorship is an important part of the 23rd IAEE North American Conference. The North American Conference is grateful to and acknowledges with thanks the following organizations for their assistance in ensuring the success of this year’s conference. If you are interested in sponsoring one of the many events held during the conference, please contact David Williams, USAEE/IAEE Executive Director, at 216-464-2785.

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Instituto Mexicano del Petróleo

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Platts Power in Latin America  
World Energy Council  
Sandia National Laboratories, Energy and Infrastructure Assurance Division  
Strategic Energy & Economic Research, Inc.  
Universidad Nacional Autónoma de México  
U.S. Department of Energy  
World Energy Council

## CONCURRENT SESSIONS - 1 TO 6

**Monday, October 20**

**3:00 - 4:30 pm**

- 1 PROSPECTS FOR OIL  
Chapultepec II Room – 3<sup>rd</sup> Floor

**Mark A. Schwartz, Presiding**  
Managing Director  
PIRA Energy Group

*Middle East Oil: What's The Alternative?*

**Mamdouh Salameh**  
Director/Oil Economist  
Oil Market Consultancy Service

*Single-Equation Models, Co-integration Tests, and OPEC Behavior: Cartelization or Parallel Behavior?*

**A.F. Alhajji**  
Associate Professor  
Ohio Northern University

*What Would World Oil Markets Look Like Without Mexico*

**Robert McRae**  
Department of Economics  
University of Calgary

*The Economics of Marginal Fields Development in Nigeria*

**Koso I. Idigbe**  
**Olafuyi O.A.**  
Faculty of Engineering  
University of Benin, Nigeria

- 2 HYDROGEN ECONOMY  
Molino del Rey A Room – 3<sup>rd</sup> Floor

**Anna Garcia, Presiding**  
Director of Operations and State Programs  
Center for Energy and Climate Solutions  
Global Environment and Technology Foundation

*Externalities and Subsidies: the Economics of Hydrogen-based Transportation Technologies*

**Anthony D. Owen**  
Professor  
The University of New South Wales

*Evaluation of Future Availability of Primary Fuel Feedstocks of Importance to the Introduction of Commercially Available Fuel Cell Vehicles in the Near Future*

**Daniel Betts**  
**Vernon Roan**  
**Timothy Simmons**  
**Khien Dinh**

**Amy Twining**  
Mechanical & Aerospace Engineering Dept.  
University of Florida

*Pathways to a Hydrogen Economy: The Hydrogen Futures Dynamic Simulation Model*

**Thomas Drennen**  
**William Kamery**  
Hobart and William Smith Colleges

**Arnold B. Baker**  
**Peter Kobos**  
Sandia National Laboratories

*Rethinking Hydrogen Cars: Lessons from other Alternatives*

**Alex Farrell**  
Assistant Professor, Energy & Resources Group  
University of California, Berkeley

- 3 NATURAL GAS CHALLENGE IN NORTH AMERICA  
Puebla Room

**Barbara Shook, Presiding**  
Bureau Chief  
Energy Intelligence Group

*Falling Short? The Growing Challenge to Supply the North American Natural Gas Market*

**Matthew Snyder**  
Managing Consultant  
Wood Mackenzie Inc.

*Integration of Natural Gas Markets in North America*

**Chris Phipps-Jones**  
IHS Energy

*Electric Power Generation and Liquefied Natural Gas Facilities in the Northwestern Coast of Mexico: Incorporation of Volatility and Risk in the Project Valuation Process*

**Gerardo Bazán González**  
**Alberto Elizalde B.**

**Jesús Puente-Trevino**  
Petróleos Mexicanos  
*The Prospects for Unconventional Natural Gas Supplies*

**Kevin F. Forbes**  
**Ernest M. Zampelli**  
Department of Business Administration  
The Catholic University of America

- 4 INTEGRATION OF ELECTRICITY MARKETS  
Veracruz Room

**Foster Mellen, Presiding**  
Manager for Energy Industry Analysis  
Ernst & Young

*Electricity Market Deregulation Impacts on Exchanges Between Canada and US Northeast*

**Jean-Thomas Bernard**  
**Frederic Clavet**

**Jean-Cleophas Ondo**  
University Laval  
*The Integration of Post Transition Countries in European Free Energy Market*

**V. Kreslinsh**  
**K. Brinkis**  
Baltic Power Systems Control Center Ltd.

**V. Zebergs**  
**N. Zeltins**  
Latvian Academy of Science

*The Treatment of Electricity in the FTA*

**Pierre-Olivier Pineau**  
School of Public Administration  
University of Victoria  
*Evolving Impact of Environmental Laws on Cross-border Power Between Mexico and the United States*

**Jeffrey Barron**  
Managing Editor, *Power in Latin America*  
Platts

- 5 INVESTMENT ENVIRONMENT IN RESTRUCTURED ELECTRICITY MARKETS  
Guanajuato Room

**Vito Stagliano, Presiding**  
Vice President  
Calpine Corporation  
*Regulatory Uncertainty and the Development of New Electric Generation: Competing Risks and Option Value*

**Frank W. Rusco**  
**Jon Ludwigson**  
U.S. General Accounting Office

**W. David Walls**  
University of Calgary  
*Electricity Prices in Alberta: Is the Future in the Past?*

**Lori Smith Schell**  
President  
Empowered Energy

*Business Opportunities in the Use of Distributed Generation in Primary Electricity Distribution Network*

**R. Raineri B.**  
**S. Ríos M.**  
**R. Vásquez L.**  
Departamento de Ingeniería Eléctrica  
Pontificia Universidad Católica de Chile

*Institutional Environment, Project Finance and Industrial Structure: An Analysis of the Mexican and Argentinean Electricity Industries*

**Gerardo Serrato Angeles**  
Associated Professor, School of Engineering  
Universidad Nacional Autónoma de México (UNAM)

- 6 EMISSIONS & ENERGY  
Morelia Room

**David Nissen, Presiding**  
Professor  
Columbia University  
*An Oligopolistic Electricity Market Model with Tradable NO<sub>x</sub> Permits*

**Yi-Hsu Chen**  
**Benjamin F. Hobbs**  
The Johns Hopkins University

*Introduction of New Emission Standards and Control Technologies Coupled with a Restructured Electricity Market: Lessons from Alberta*

**Joseph A. Doucet**  
**Kristian Schneek**  
**Slaven Tustonic**  
School of Business  
University of Alberta

*A Model of Emissions Trading Market with the Effects of Uncertainty and Abatement Inflexibility*

**Akira Maeda**  
Assistant Professor  
Keio University

*Environmental Taxes on Depletable Resources, Rent Acquisition and Market Form*

**Eirik S. Amundsen**  
University of Bergen, Norway

**Lars Bergman**  
Stockholm School of Economics

## CONCURRENT SESSIONS - 7 TO 12

**Monday, October 20**

**5:00 - 6:30 pm**

- 7 OIL PRICES & MARKETS  
Chapultepec II Room – 3<sup>rd</sup> Floor

**Mine Yucel, Presiding**  
Vice President & Sr. Economist  
Federal Reserve Bank of Dallas

*A Less Volatile Crude Oil Price: Supply Rotation Control*

**Huei-Chu Liao**  
**Yu Bo Suen**  
Tamkang University, Taipei

*Why and When is There Mean Reversion in Spot Crude Prices?*

**Mark W. French**  
Research & Statistics Division  
Federal Reserve Board

*Drivers of Upstream Investment in the Petroleum Industry*

**Michael C. Lynch**  
President  
Strategic Energy & Economic Research (SEER)  
*A Modest But Crude Proposal: A Market-Oriented, Co-operative Mechanism for Managing Oil Price Fluctuations*

**Sharif Ghalib**  
Senior Analyst  
Energy Intelligence Research

- 8 CHALLENGES TO RESTRUCTURING ELECTRICITY MARKETS  
Molino del Rey A Room – 3<sup>rd</sup> Floor

**Peter Kobos, Presiding**  
Staff Economist  
Sandia National Laboratories

*Market Dominance in a Restructured Electric Market (The Case of French Utility EDF in Europe)*

**Sophie Meritet**  
CGEMP Université de Paris-Dauphine  
*Supply Security, Capacity Payments and Electricity Spot Market Prices*

**Eirik S. Amundsen**  
University of Bergen, Norway

**Lars Bergman**  
Stockholm School of Economics  
*Path-Dependence and Lock-In Effects in the Latin American Electricity Sector*

**Jens Weinmann**  
**Derek Bunn**  
London Business School

*Major Methods to Deal with Power Purchase Agreements After Restructuring*

**Keun Dae Lee**  
**Chang-Ho Rhee**  
Korea Electricity Research Institute  
**Byung-Hoon Kwon**  
Ministry of Commerce, Industry and Energy

*Efficient Tariffs for Cost Revelation in a Price and Quantity Constrained Electric Power Market*

**Serhij Kotsan**

Department of Economics  
West Virginia University

9 ELECTRICITY MARKET ISSUES  
Puebla Room

*This session will be presented in Spanish*

**Rolando Nieva Gómez, Presiding**

Chairman, Network Analysis Department  
Mexico Electric Power Research Institute (IE)

*Non-Linear Pricing for Transmission Constrained Electricity Markets: A New Coordination Algorithm and Congestion Rents Definition*

**Jeovani E. Santiago López**

Morelia Institute of Technology

**Marcelino Madrigal Martínez**

Energy Regulatory Commission, Mexico

*Impact of the Transmission System on the Electricity Supply Reliability*

**Anthony Baeza**

Ph.D Candidate

University Paris IX Dauphine (CGEMP)

*Present and Future of Economical Valuation of Reliability and Control of Power System Operation in the Deregulation Process in Mexico*

**Miguel Flores Ortega**

Comisión Federal de Electricidad

*Long Term Generation Planning – A Sensitivity Analysis to Promote Alternative Renewable Energies (“Wind”)*

**Juan C. Mata-Sandoval**

Secretaría de Energía, México

**Isaac Jimenez Lerma**

Comisión Federal de Electricidad, México

*Optimal Methodologies to Define the Optimal Fuel Mix for a System’s Power Generation, Accounting for Risk and Rate of Return on Investment*

**Laura Elena Sánchez Hernández**

**Ranulfo Gutiérrez Ramírez**

**José Miguel González Santaló**

Instituto de Investigaciones Eléctricas

10 CLIMATE CHANGE

Veracruz Room

**Lorna A. Greening, Presiding**

Consultant

Oso Energy & Environment Consulting

*Energy Security in a Northern Semi-arid Environment under Climate Change and Carbon Constraints*

**Malcolm Wilson**

**Nader Mahinpey**

University of Regina

*Hourly Electricity Loads: Temperature Elasticities and Climate Change*

**Christian Crowley**

**Frederick L. Joutz**

The George Washington University

*Efficient Combination of GHG Emissions Mitigation and Climate Adaptation*

**Paul N. Leiby**

**Robert Perlack**

**Thomas Wilbanks**

Oak Ridge National Laboratory

*Assessing the Impacts of TEPCO’s Nuclear Reactors on CO<sub>2</sub> Emission in the Japan’s Electricity Sector*

**Shuichi Ashina**

**Toshihiko Nakata**

Graduate School of Engineering

Tohoku University, Japan

11 INTEGRATION OF GAS MARKETS

Guanajuato Room

**Alejandro Breña de la Rosa, Presiding**

Director General for Natural Gas

Mexico Energy Regulatory Commission

*The Entry of Energy Actors into the Gas Industry in Europe*

**Carole Le Henaff**

CGEMP Université de Paris-Dauphine

*Integration of East and West European Gas Markets: Strategies in the Liberalization Context*

**Margarita Pirovska**

PhD Student, CGEMP

CGEMP Université de Paris-Dauphine

*Evolution of Natural Gas Regulations in the U.S. and Mexico*

**José Antonio Martínez**

Partner

Consultoría Legal en Energía, S.C.

12 ENERGY EFFICIENCY AS A RESOURCE

Morelia Room

**Kate Offringa, Presiding**

Program Manager

Alliance to Save Energy

*Energy Economics 101: Energy Policy Lessons from California’s 2001 Energy Efficiency Experience*

**Rafael A. Friedmann**

Energy Consultant

**Kenneth L. James**

Organization Leadership International

*PEMEX-CONAE Energy Efficiency Program*

**Odón de Buen R.**

**David Gutiérrez D.**

**Gaudencio Ramos A.**

**Eduardo Valdivieso R.**

**José González M.**

National Commission for Energy Conservation - Conae

**Salvador Gomez A.**

**Cruz E. Hernández**

SIASPA - Pemex

*Changing Panes / Changing Pains: The Determinants of Commercial Retrofit Decisions in Canada*

**David L. Ryan**

**André Plourde**

**Denise Young**

University of Alberta

*Available Electricity Savings Potential for the Substitution of Old Domestic Refrigerators in Mexico*

**Fernando Arroyo C.**

DEPFI-UNAM

**Juan José Ambriz G.**

**Hernando Romero P.R.**

Universidad Autónoma Metropolitana-Iztapalapa

## CONCURRENT SESSIONS - 13 TO 18

*Tuesday, October 21*

*11:00 - 12:30 pm*

13 TRANSMISSION ISSUES IN ELECTRICITY INDUSTRY

Chapultepec II Room – 3<sup>rd</sup> Floor

**Mina M. Dioun, Presiding**

Principal Fuel Analyst

Lower Colorado River Authority

*Economies of Scale in Power Generation, Transmission and Distribution: Integration or Unbundling?*

**Atsushi Iimi**

Japan Bank for Intl Cooperation (JBIC) Inst

*A Merchant Mechanism for Electricity Transmission Expansion*

**Tarjei Kristiansen**

Norwegian University of Science and Technology

**Juan Rosellón**

J.F. Kennedy School of Government

Harvard University and CIIE

*Transmission Network Ownership, Market Efficiency and Success or Collapse of Reforms in the Electricity Sector*

**Nathalie Collin-Sisteron**

CGEMP Université de Paris-Dauphine

*A Model for the Integral Planning of the Expansions of Electrical Energy and Natural Gas Transportation*

**Rolando Nieva Gómez**

**Julio A. Hernández Galicia**

**José L. Ceciliano meza**

**Eli de la Torre Vega**

Instituto de Investigaciones Eléctricas

14 TRANSPORTATION ISSUES

Molino del Rey A Room – 3<sup>rd</sup> Floor

**Jack Belcher, Presiding**

Staff Director

Subcommittee on Energy & Minerals Resources

U.S. House of Representatives

*Short and Long-Run Elasticities of Gasoline Demand in the Sultanate of Oman: An Empirical Analysis Using Cointegration Techniques*

**R. Ramanathan**

**S. Geetha**

College of Commerce and Economics

Sultan Qaboos University

*Price and Efficiency Effects on Vehicle-Fuel Expenditure in Multi-Vehicle Households*

**Gbadebo A. Oladosu**

R&D Associate

Oak Ridge National Laboratory

*Tradable/Bankable Fuel Economy Credits for Cars and Light Trucks*

**Jonathan Rubin**

University of Maine

**David L. Greene**

**Paul N. Leiby**

Oak Ridge National Laboratory

*Environmental Regulation and Contracting in the Oil Industry: Boutique Fuels, Vertical Integration, and Oil Refining, 1990-2001*

**Lynne Kiesling**

**Matthew McCormick**

Department of Economics

Northwestern University

15 PROSPECTS FOR GREEN POWER

Puebla Room

**Margie Tatro, Presiding**

Director, Energy and Transportation Security

Sandia National Laboratories

*Integrating the Energy Markets in North-America: Conditions Helping Large Scale Integration of Wind Power?*

**Gaetan Lafrance**

University of Québec

**Stéphane Krau**

**Bernard Saulnier**

Hydro-Québec

**Joseph Cohen**

Princeton Energy Resources International

*Challenges and Costs of Integrating Growing Amounts of Wind Power Capacity into the Grid – Some Experiences Dealing with 12 000 MW in Germany*

**Steffen Sacharowitz**

Technical University Berlin

*Trends, Prospects and Problems for Green Power in Mexico*

**Jorge M. Huacuz**

Gerencia de Energías No Convencionales

Instituto de Investigaciones Eléctricas

*A New Energy Paradigm for Our “Common Future” U.S./India Synergies in Renewable Electricity*

**Durga P. Kar**

**Carol Dahl**

Division of Economics and Business

Colorado School of Mines

16 NAFTA & ENERGY

Veracruz Room

**Mariano Bauer, Presiding**

Senior Guest Researcher

Instituto Mexicano del Petróleo

*Integrating Energy and Environmental Markets: Problems and Solutions from the US Experience*

**Paul Hibbard**

Manager

Analysis Group

*The Electricity Industry in de Sonora’s Border Mexico within the Framework of the North American Free Trade Agreement*

**M. en I.E. Patricia Navarro Alvarado**

Departamento de Ingeniería Química y Metalurgia

Universidad de Sonora

*Legislating Alaska’s Gas Pipeline*

**Arthur Mason**

Department of Anthropology

University of California at Berkeley

*Energy Integration in Latin America: Two Projects in Opposition*

**Rosío Vargas Suárez**

**Victor Rodríguez Padilla**

Universidad Nacional Autónoma de México (UNAM)

17 MEXICAN OIL

Guanajuato Room

*This session will be presented in Spanish*

**Gerardo Bazán Navarrete, Presiding**

Coordinador del Centro de Información del Programa  
Programa Universitario de Energía, UNAM

*The Mexican Government and the Finance of the  
National Oil Industry*

**Daniel Romo Rico**

**Sergio Martín Galina Hidalgo**

**Alfonso Peréz Arellano**

Instituto Mexicano del Petróleo

*Closing the Circle: From Financial Options to Real  
Options and to Energy Derivatives*

**Arturo G. Reinking**

Engineering College

Universidad Nacional Autónoma de México (UNAM)

*The Relevance of an Exergoeconomic Analysis on the  
Production Cost of Gasoline in Mexico*

**Joel Hernández**

**Ricardo Rivero**

**Consuelo Rendón**

**Martha Gracia**

**Leodegario Monroy**

Instituto Mexicano del Petróleo

Grupo de Exergía

*Mexico's Dilemmas and Options regarding OPEC in the  
Framework of North America Energy Integration and the  
USA Hemispheric Policy*

**Angel de la Vega Navarro**

Professor

Universidad Nacional Autónoma de México (UNAM)

18 COMMON ENERGY POLICY: THE CASE FOR  
ELECTRICITY SUPPLY. PROBLEM OR  
CHANGE?

Morelia Room

**Nicolas Borda, Presiding**

Attorney

Mexican Academy for Energy Law

*Restructuring and Regulatory Trends  
in Electricity Industries*

**Francisco de Rosenzweig**

Director, Office of Electric Restructuring Unit

Energy Regulatory Commission

*Economic Integration of Electric Markets: One  
Canadian's Perception*

**Bruce T. Laxdal**

Laxdal Consulting, S.A. de C.V.

*IPP Evolution and the Need of Energy Reform in Mexico*

**Fernando Bueno**

Comisión Federal de Electricidad (CFE)

*Economic Integration of the Electric Markets -  
The FERC Perspective*

**William J. Froehlich**

Director, Office of Administrative Litigation

Federal Energy Regulatory Commission

**CONCURRENT SESSIONS - 19 TO 24**

**Tuesday, October 21**

**4:30 - 6:00 pm**

19 REVIEW OF ENERGY & ENVIRONMENT IN  
MEXICO

Chapultepec II Room - 3<sup>rd</sup> Floor

**Adrián Fernández Bremauntz, Presiding**

Director General for Research on Global, Regional and  
Urban Pollution

National Institute for Ecology

*Mexico's Long-Term Energy Outlook - Results of a  
Detailed Energy Supply and Demand Simulation*

**Guenter Conzelmann**

Argonne National Laboratory

**Juan Quintanilla Martínez**

Universidad Nacional Autónoma de México (UNAM)

**Vicente Aguilar Alejandre**

Secretaría de Energía

**Luiz Alberto Conde Alvarez**

Instituto Nacional de Ecología

**Jorge Fernández Velázquez**

Comisión Federal de Electricidad

**Elizabeth Mar Juárez**

Instituto Mexicano del Petróleo

**Cecilia Martín del Campo Márquez**

**Gerardo Serrato Angeles**

**Rubén Ortega Carmona**

Universidad Nacional Autónoma de México (UNAM)

*Sustainable Development and Eco-efficiency: Paradigm  
of the Century XXI*

**Claudia Hernandez-Montes**

Petroleos Mexicanos and Monterrey Institute

*General Overview and Perspectives of the Mexican  
Energy Industry Regulatory Framework*

**Guillermo Gutiérrez Amante**

**Francisco Rosenzweig**

Energy Regulatory Commission, México

20 MEXICAN POWER

Molino del Rey A Room - 3<sup>rd</sup> Floor

**Carlos Vélez Ocón, Presiding**

Programa Universitario de Energía

Universidad Nacional Autónoma de México (UNAM)

*Powering Mexico's Future - An In-Depth Look at Long-  
Term Electricity Market Developments*

**Guenter Conzelmann**

Argonne National Laboratory

**Jorge Fernández Velázquez**

**Esmeralda Ibars Hernández**

**Hugo Cadena Vargas**

**Isaac Jiménez Lerma**

Comisión Federal de Electricidad

**Juan Quintanilla Martínez**

Universidad Nacional Autónoma de México (UNAM)

**Vicente Aguilar Alejandre**

Secretaría de Energía

*The Political Economy of Energy Reform in Mexico*

**David Victor**

Stanford University

**Victor Carreón**

CIDE, Mexico

**Armando Jiménez S.**

SENER, Mexico

*Electricity in Mexico: When Doing the Right Thing is  
Not Enough*

**Luis G. Fonseca Guzmán**

**Severo López-Mestre Arana**

CFE

*Assessment of Electricity Generation to 2011 Using Low  
Sulfur Fuel Oil in Mexico*

**Victor Shamann Bazan Perkins**

**Modesto Javier Cruz Gomez**

School of Chemistry

Universidad Nacional Autónoma de México (UNAM)

21 RETAIL ELECTRICITY ISSUES

Puebla Room

**Peter Nance, Presiding**

Senior Principal

Tekneon Energy Risk Advisors LLC

*Resource Assessment and Implementation of DLC  
Programs for Large Customer*

**Chang-Ho Rhee**

**In-Seung Jo**

Korea Electrotechnology Research Institute

**Ki-yong Na**

Ministry of Commerce, Industry and Energy

*The Opening of European Retail Electricity Markets to  
Competition: Lessons Learned from the United States*

**Steven Curet**

Power Industries

French Trade Commission in Houston

*Regulation of Multiproduct Industries Under Political  
Constraints*

**Jose Eduardo Mendóza**

**Neil Rickman**

University of Surrey

*Performance and Efficiency of Colombia's Energy  
Distribution System*

**Rodrigo Taborda**

Facultad de Economía

Universidad del Rosario, Colombia

22 OIL, POLITICS & ECONOMY

Veracruz Room

**Jennifer Michael, Presiding**

Energy and Natural Resources Committee

U.S. Senate

*Oil Price Shocks and Real GDP Growth: Empirical  
Evidence for some OECD Countries*

**Rebeca Jiménez-Rodríguez**

University of Salerno

**Marcelo Sánchez**

European Central Bank

*Comparison Between Actual and Expected North-  
American and North-Mediterranean Energy Consump-  
tion Patterns*

**Michael Tamvakis**

**Hadi Hallouche**

City University, London

*Inconsistency of Policies and Oil Shocks: Dynamics  
According to the Monetary Regime*

**Harold Zavarce**

Banco Central de Venezuela

**Luis A. Sosa**

Colorado School of Mines

23 GENERATION TECHNOLOGIES &  
CHALLENGES

Guanajuato Room

**Eduardo Arriola Valdes, Presiding**

Head, Department of Electrical Engineering

Universidad Nacional Autónoma de México (UNAM)

*The U.S. Spent Nuclear Fuel Legacy and the  
Sustainability of Nuclear Power*

**Lorna A. Greening**

Consultant

**Erich A. Schneider**

Los Alamos National Laboratory

*Electricity Generation Cost Simulation Model (GenSim)*

**Arnold B. Baker**

Sandia National Laboratories

**Thomas Drennen**

**William Kamery**

Hobart and William Smith Colleges

*Early Market Penetration Potential of Electric  
Generation Via Coal Gasification With CO<sub>2</sub> Capture and  
Use for Enhanced Oil Recovery*

**John Ruether**

U.S. Department of Energy

**Chris Minnucci**

**Josh Radoff**

Science Applications International Corp.

**Brian Keltch**

Northrup-Grumman

*Energy and Economic Optimization of Waste  
Management Systems*

**Toshihiko Nakata**

**Michiro Urabe**

Graduate School of Management

Tohoku University, Japan

24 IMPACT OF THE ENERGY SECTOR, ITS  
DEVELOPMENT AND ITS ORGANIZATION,  
ON THE DEMAND FOR SERVICES FROM  
ENGINEERING AND CONSULTING  
COMPANIES

Morelia Room

**Felipe Ochoa Rosso, Presiding**

Former President

Camara Nacional de Empresas de Consultoria

*Panelists to be Announced*

**FUTURE USAEE / IAEE EVENTS**

**ANNUAL CONFERENCES**

July 8 - 10, 2004

24<sup>th</sup> USAEE/IAEE

North American

Conference

Washington, DC

Capital Hilton

June 3-6, 2005

28<sup>th</sup> IAEE International

Conference

Taipei, Taiwan

Grand Hotel



# Mexico Social Tours

## HIGHLIGHTS OF HISTORICAL AND MODERN MEXICO CITY

Tour includes - visits to the Zocalo, the main square of Mexico City; the National Palace, with its outstanding murals by Diego Rivera; a panoramic view of the Templo Mayor excavations; and the metropolitan cathedral. The tour concludes with a drive along the Paseo de la Reforma Avenue ending up at the Anthropology Museum (Sunday) or the Square of the Three Cultures (Monday). On Monday, the Anthropology Museum is closed.

TOUR LENGTH:	4 hours	PRICE PER PERSON:	\$24.00 usd
DEPARTURES:	9:20 a.m.	TOUR OFFERED:	Offered Sunday (Oct. 19) and Monday (Oct. 20)

## TEOTIHUACAN ARCHEAOLICAL RUINS AND SHRINE OF GUADALUPE

Tour begins with a visit to the Shrine of Our Lady of Guadalupe, then a drive to the archaeological site Teotihuacan with its impressive Quetzalcoatl temple - "the place where men become gods" - and the sun and moon pyramids.

TOUR LENGTH:	6 hours	PRICE PER PERSON:	\$26.00 usd
DEPARTURES:	9:20 a.m.	TOUR OFFERED:	Offered Sunday (Oct. 19) and Tuesday (Oct. 21)

## CUERNAVACA & TAXCO SILVER TOUR

Day long tour begins with a morning drive through the mountains south of Mexico City to Cuernavaca, the "City Of Eternal Spring", including a visit to the 16<sup>th</sup> century cathedral of San Francisco. The tour continues to Taxco, a lovely town of cobblestone streets world-renowned for its silverwork, where you will have free time to visit the exquisite Santa Prisca's church, Borda Plaza and silver shops.

TOUR LENGTH:	10 hours	PRICE PER PERSON:	\$36.00usd
DEPARTURES:	9:20 a.m.	TOUR OFFERED:	Offered Saturday (Oct. 18), Sunday (Oct. 19) and Wednesday (Oct. 22)

## XOCHIMILCO AND DIEGO RIVERA COLLECTION

Tour starts with a visit to the Dolores Olmedo Museum, famous for its collection of works by Diego Rivera. The tour continues to the city of Xochimilco for a leisurely trip on a trajinera (traditional boat) where you may enjoy the music and floating gardens as you drift along the innumerable ancient canals.

TOUR LENGTH:	4 hours	PRICE PER PERSON:	\$26.00 usd
DEPARTURES:	9:20 a.m.	TOURS OFFERED:	Tuesday (Oct. 21) and Wednesday (Oct. 22)

## XOCHIMILCO & SÁBADO BAZAAR

Tour includes a visit to the Dolores Olmedo Museum, famous for its collection of works by Diego Rivera. The tour continues to the city of Xochimilco and a leisurely trip on a trajinera (traditional boat) - enjoy the music and floating gardens as you drift along the innumerable ancient canals. The afternoon concludes with a visit to the traditional Bazaar del Sabado - famous for its handicrafts, jewelry, painting and sculptures.

TOUR LENGTH:	6 hours	PRICE PER PERSON:	\$30.00 usd
DEPARTURES:	9:20 a.m.	TOURS OFFERED:	Saturday (Oct. 18) Only

## COMBINATION - XOCHIMILCO, TEOTIHUACAN ARCHEAOLICAL RUINS, AND SHRINE OF GUADALUPE

The morning begins with a visit to Xochimilco. Then continues in the afternoon to the Pyramids of Teotihuacan and the Shrine of Our Lady of Guadalupe. (See descriptions above of the shorter tours.)

TOUR LENGTH	10 hours	PRICE PER PERSON	\$46.00 usd
DEPARTURES	9:20 am	TOURS OFFERED:	Saturday (Oct. 18) and Wednesday (Oct. 22)

To make reservations for any of the above social tours contact:

Leonorr Betanzos Angeles, Bestours, Mazatlan No.5 Local 6, Entrada por Juan de la Barrera, Edificio Condesa, 06140 Mexico, D.F.  
Phone: 5255-5211-8848; Fax: 5255-5211-8845; btanzos@prodigy.net.mx

## STUDENT SCHOLARSHIPS

USAEE is grateful to the following organizations and individuals for support of the Student Scholarship fund:

**Leonard L. Coburn • ConocoPhillips • Exxon Mobil Corporation • Joseph M. Dukert**

The Student Scholarship fund has been set-up to cover the cost of conference registration fees for promising graduate students who plan to participate in the Annual North American Conference of the USAEE/IAEE. USAEE will continue this scholarship fund and actively encourages corporate and individual support. For information on both contributing to this fund or receiving these funds as a student, please speak to Dave Williams at the conference registration desk or at the following numbers: (p) 216-464-2785, (f) 216-464-2768, (e) [usaee@usaee.org](mailto:usaee@usaee.org)

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## Mexico Conference Information

(Have Any Conference Questions? - Call 216-464-2785 or e-mail [usaee@usaee.org](mailto:usaee@usaee.org) or [www.usaee.org](http://www.usaee.org) for Answers)

### HOTEL RESERVATION / INFORMATION

The Camino Real Mexico Hotel, the conference venue, is conveniently located near the business district and Mexico city attractions. We have a special room block at the following rates per night:

Single/Double Room	\$110.00
Pool View Room	\$130.00
Camino Real Club	\$170.00

Please note that these rates are exclusive of sales and occupancy tax. These special rates apply for occupancy October 14 – 25, 2003, leaving you plenty of time before and after the conference to enjoy Mexico City. Please note that you **MUST** make your reservations prior to Monday, September 29, 2003, to receive these special rates. Reservations placed after September 29, will be confirmed at the group rate on a space-available basis. Check-in time is 3:00 pm and check out time is 1:00 pm. For reservations phone 011-5255-5263-8899 and identify yourself as being with the 23rd IAEE North American Conference. Delegates may also reserve accommodations by utilizing the hotel booking form included in this conference announcement and fax to 011-5255-5263-8898.

### TRAVEL DOCUMENTS

All international attendees to the 23rd IAEE North American Conference are urged to contact their Mexican consulate, Embassy or travel agent regarding the necessity of a Visa and/or Passport documents to gain entrance to Mexico. If you need a Visa make sure you obtain a Tourist Visa. Allow plenty of time for processing these documents. If you need a letter of invitation to attend the conference, contact USAEE with a fax request at 216-464-2768 or email [usaee@usaee.org](mailto:usaee@usaee.org). Please provide your return fax number so that we may promptly respond to your request. Note that the USAEE/IAEE does not have funds to sponsor participant's registration, travel or hotel/transportation costs, etc. in conjunction with this meeting.

### GROUND TRANSPORTATION

The cost for a taxi from the airport to the Camino Real is approximately US \$15-\$25, equivalent to 150 to 250 pesos. At the airport after going through customs, there is an authorized taxi stand where you can purchase taxi service to the Camino Real (and other Mexico City hotels). This is located on the left hand side right outside of customs. It is strongly recommended that taxi service be purchased at this stand. Avoid taking a taxi offered by people wandering around, either inside or outside the terminal. Taxis do not take credit cards; they operate on a cash only basis. It is preferable to have Pesos (Mexican currency) for your taxi fare. At the airport, as you depart Customs, there are bank offices where you can convert your currency to Pesos.

At your hotel, always ask the bellman to call a taxi for you, as this is the most reliable service.

### CITY OVERVIEW

Mexico City is the best place to learn about a country proud of its heritage. The city was founded over 675 years ago as the capital of the Aztec Empire. From past to present, you can see it all standing within Mexico City – an Aztec pyramid, a colonial cathedral and modern office buildings. Geographically, Mexico City is surrounded by mountains, situated on a dry lakebed at an elevation of 7,400 feet.

The downtown area includes public art, parks, gardens and though thoroughly modern, it remains true to its historical roots. Teotihuacans, Toltecs, Aztecs and European conquistadors created "The City of Palaces" as a center of life and commerce over 2,000 years ago.

The conference host hotel, The Camino Real, is nestled among Mexico's Chapultepec Park and Polanco. The park is the largest green area in Mexico City. The hotel is closely situated to the finest museums, antique shops, fashionable shopping, dining and a zoo. The hotel's designer, renowned architect Ricardo Legorreta, created the hotel with a contemporary Mexican feel which boasts over 400 works of art by local masters and other artisans. From the front door to the hotel's foyer and famed dining establishments, you will be impressed by the hotel's beauty.

Mexico City is the best place to understand the history of Mexico as a country. Considering that Mexico City was built upon the ruins

of an ancient Mexican city named Tenochtitlan, it's no surprise that some 700 blocks have been devoted as a Historical Zone. Some of the cities top attractions include:

*The Basilica de Nuestra Senora de Guadalupe* – The central place for worshipping the patron saint of Mexico. The Virgin of Guadalupe is said to have appeared as a vision on this spot to a poor Indian man who after a second vision, presented proof of his vision to a skeptical bishop in the form of collected rose petals. When the Indian man dropped these collected roses from his cloke, the image of the virgin was emblazoned on the fabric of his cloke.

*Museo Frida Kahlo*: The wife of famed muralist Diego Rivera, their house now serves as a museum of her paintings which are said to surpass his in popularity. Included in the museum is pre-Columbian art, personal artifacts, jewelry and terracotta figurines from both the Teotihuacan and Tlateloco periods.

*Museo Nacional de Antropologia*: Offering the best introduction to the Mexican culture, this museum presents Mexico's history from prehispanic time to a comprehensive ethnographic exhibit detailing modern Mexico and the way people live throughout Mexico today.

*Palacio Nacional and the Diego Rivera Murals*: This spacious complex with courtyards and carved brass balconies is the office to the President of Mexico. On the second floor are the Diego Rivera murals which depict Mexico's history. Guides are available and for 30 minutes, you are presented with a thorough background of Mexican history.

*Templo Mayor and Museo del Templo Mayor*: Remains of the ancient Pyramid of Huitzilopochtli, also called the Great Temple, this is an important religious structure. This site was the religious hub for the Aztec capital around 1521. Shelters and walkways over the Templo Mayor ruins protect the remaining original paint work and carving. These ruins were discovered in 1978 when workmen were excavating the east side of the Palacio Nacional. At the Museo del Templo Mayor you can view exhibits of excavated items including: masks, figurines, jewelry, tools and the huge stong wheel of the mood goddess.

With all there is to explore in Mexico City, be sure to allow plenty of time before and after the conference to experience all that Mexico City has to offer. For more information and/or guides, contact the Mexico Secretary of Tourism Official Site at [www.mexico-travel.com](http://www.mexico-travel.com) Other useful web-sites include: [www.mexico.web.com.mx](http://www.mexico.web.com.mx), [www.go2mexico.com](http://www.go2mexico.com) and Mexico City's own convention and visitors bureau website: [www.mexicocity.gob.mx](http://www.mexicocity.gob.mx)

### CLIMATE

Mexico City's weather is consistent. The city's high elevation produces a moderate climate with average annual temperatures ranging from 61°F to 78°F. Although the rainy season is over, sometimes it still rains.

### WHAT TO WEAR

This year's conference attire is business dress. This includes suits and ties for gentlemen; skirts, nine-to-five dresses and pantsuits for ladies. (Please note: Although the temperatures outside may be warm, often the air-conditioning indoors warrants a light sweater or jacket.)

### INSURANCE

Visitors are not covered by Mexican health insurance plans. Conference participants are urged to take out insurance to cover loss incurred in the case of cancellation, medical expenses and damage to or loss of personal effects.

The IAEE/USAEE/AMEE or CAEE will accept no liability for personal injuries or for loss or damage to property belonging to congress delegates, either during or as a result of the Conference or during all visits and/or tours.

### ELECTRICAL CURRENT

The electrical current in Mexico is 110 volts.

## Registration Form

### Integrating the Energy Markets in North America: Issues & Problems, Terms & Conditions

October 19-21, 2003, Camino Real Hotel - Mexico City, Mexico

**REGISTRATION FEES** are payable in advance. Complete the form below and mail to USAEE Conference Headquarters along with your check payable to USAEE in U.S. dollars and drawn on a U.S. bank. You may also visit [www.usaee.org/energy](http://www.usaee.org/energy) to register on line. Conference registration fees may be paid by check, credit card or wire transfer. Fax 216-464-2768 for wire transfer information or e-mail to [usaee@usaee.org](mailto:usaee@usaee.org). Hotel and related travel costs are not included in registration fees. Registration fees include: registration materials, a copy of the conference proceedings on CD Rom, two lunches, three receptions, one dinner and coffee breaks. Students: submit a letter stating that you are a full-time student and are not employed full-time. The letter should provide the name and contact information for your main faculty supervisor or your department chair and a copy of your student identification card. USAEE reserves the right to verify student status.

Check Below	Type of registration (check which applies):	Speakers By	Received on or Before	Received	Received
		August 11, 2003	September 17, 2003	September 18 to October 17, 2003	After Oct. 17, 2003 & Onsite Fee
_____	Speakers - NOTE payment must be received by 8/11/03			\$ 495.00 US	
_____	IAEE Members		570.00 US	\$ 620.00 US	\$645.00 US
_____	Nonmembers (includes membership)		670.00 US	720.00 US	745.00 US
_____	Nonmembers (without membership)		755.00 US	755.00 US	780.00 US
_____	Full Time Students		325.00 US	375.00 US	425.00 US
_____	Guests (meal functions only; no meeting sessions)	325.00 US	325.00 US	375.00 US	425.00 US
_____	Proceedings CD Rom - Member	100.00 US	100.00 US	100.00 US	100.00 US
_____	CD Rom - Nonmember	150.00 US	150.00 US	150.00 US	150.00 US
_____	Proceedings Print Version - Member	140.00 US	140.00 US	140.00 US	140.00 US
_____	Print Version - Nonmember	190.00 US	190.00 US	190.00 US	190.00 US
_____	General Conference Sponsorship	250.00 US	250.00 US	250.00 US	250.00 US
_____	Student Scholarship Fund Support	50.00 US	50.00 US	50.00 US	50.00 US
Total Paid					

**Method of Payment** \_\_\_\_\_ Check (Check payable to USAEE in U.S. dollars and drawn on a U.S. bank)  
 \_\_\_\_\_ Credit Card \_\_\_\_\_ Visa \_\_\_\_\_ MasterCard Card Number \_\_\_\_\_  
*We do not accept any other credit cards.* Expiration Date \_\_\_\_\_

Signature \_\_\_\_\_

Last Name: \_\_\_\_\_ First Name: \_\_\_\_\_

Informal First Name (for badge): \_\_\_\_\_

Guest's Name (for badge), if any: \_\_\_\_\_

Business Title: \_\_\_\_\_

Company/Organization: \_\_\_\_\_

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

City/Country: \_\_\_\_\_ Zip/Mail Code: \_\_\_\_\_

Telephone: \_\_\_\_\_ Fax: \_\_\_\_\_

E-mail: \_\_\_\_\_

At what hotel will you be staying (circle one)? Camino Real Other (please indicate) \_\_\_\_\_

Special Needs: \_\_\_ Check here if you have a disability or special need and may require accommodation to fully participate.

#### CANCELLATIONS/SUBSTITUTIONS

All cancellations and substitutions must be received in writing at USAEE Conference Headquarters. Cancellations received on or before August 11, 2003 are subject to a non-refundable \$250.00 administrative fee. Cancellations received after August 11, 2003 will be honored, however, no refund will be made. There will be no refunds for *no-shows*. There is no exception allowed to this policy. Should you be unable to attend, substitutions may be made to transfer your registration to another member of your organization at any time up to October 3, 2003.

Please send payment to:

USAEE Conference Headquarters  
 28790 Chagrin Blvd., Ste. 350  
 Cleveland, OH 44122 USA  
 Phone: 216-464-2785 / Fax: 216-464-2768  
 E-mail: [usaee@usaee.org](mailto:usaee@usaee.org)



***Accommodations Reservation Form***

***23<sup>rd</sup> IAEE NORTH AMERICAN CONFERENCE  
CAMINO REAL HOTEL – October 19-21, 2003***

Mariano Escobedo 700, 11590 Mexico, D.F.

All accommodation requests must be received no later than **Monday, September 29, 2003** to ensure your room is secured within the USAEE/IAEE room block at these special rates. Reserve early, as the rooms may fill prior to the deadline date. Your credit card will be charged one night's room charge & tax for cancellations received within 24 hours of your reservation.

When making your accommodations please identify yourself as attending the "IAEE North American Conference."

Last Name: \_\_\_\_\_

First Name: \_\_\_\_\_

Organization: \_\_\_\_\_

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

City, State, Country: \_\_\_\_\_

Postal Code: \_\_\_\_\_

Tel w/ country code: \_\_\_\_\_

Fax w/ country code: \_\_\_\_\_

Email: \_\_\_\_\_

Arrival date: \_\_\_\_\_ Departure date: \_\_\_\_\_

Type of Accommodations (PLEASE CHECK YOUR CHOICE):

Deluxe Group Room Rate: \_\_\_\_\_ US\$110 single/double occupancy  
Pool View Room Rate: \_\_\_\_\_ US\$130 single/double occupancy  
Camino Real Club Room Rate: \_\_\_\_\_ US\$170 single/double occupancy

Please add: 15% VAT and 1.75% State Tax

Request: \_\_\_ Smoking or \_\_\_\_\_ Non-Smoking

Sharing With: \_\_\_\_\_

You must provide credit card information to secure your reservation:

Type of card: \_\_\_\_\_ Expiration Date: \_\_\_\_\_

Card Number: \_\_\_\_\_

Signature: \_\_\_\_\_

Please return this form via facsimile to **(52 55) 5263 88 98** or email to [reservas@crmexico.com.mx](mailto:reservas@crmexico.com.mx) to make your reservations direct with the Camino Real Reservations Department. Please note that you may also call the reservations department at **(52 55) 5263 88 99** to make your reservations. Rates valid from October 14-25, 2003.