

*Energy and Transportation Convergence:
Challenges and Opportunities for Electric
Grid Modernization*

Chicago, Illinois

November 13, 2009

The Center for Business and Regulation is housed in the College of Business and Management at the University of Illinois at Springfield. (www.uis.edu/cbam/cbr) CBR's mission is threefold: (1) to provide educational services to the university community and the broader regulatory community in Illinois; (2) to create an institutional structure to facilitate outreach to and among public and private stakeholder groups concerning important issues in the regulation of business; and (3) to undertake research activities that furthers the understanding of the interaction between regulation and business in order to promote more effective and efficient regulation where necessary.

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Scope and Purpose: Vehicle-to-grid (V2G) holds promise as an energy and transportation policy for meeting both economic and environmental goals. A carbon constrained future will require policy choices today that enable vehicle and grid technologies to play a role in meeting these goals. This conference will cover the future of V2G and the policy and technical barriers to achieving efficient deployment of energy resources

Conference Location: Chicago Marriott Downtown Magnificent Mile, 540 North Michigan Avenue, 312-836-0100.

Accommodations: Participants are responsible for their own accommodations.

Registration: To register on-line please visit www.uis.edu/cbam/cbr or email us at cbr@uis.edu

Registration Fees: CBR Members \$200, Non-Members \$400, Not-for-Profit and Government \$125

To become a CBR member contact Karl McDermott at 217.206.7909 or cbr@uis.edu

Cancellations: Cancellations will be accepted until October 30, 2009 with full refund when requested in writing. After which refunds are subject to a \$75 processing fee. No cancellations may be made after November 12, 2009. Substitutes are encouraged and will be accepted at any time prior to November 12, 2009 by contacting CBR at cbr@uis.edu or call 217.206.7909. If the program is not held for any reason, CBR's liability is limited to a refund of the program fee.

Who should attend? Transmission and distribution operators, utility regulatory and pricing departments, government affairs personnel, consumer advocates, regulatory agency commissioners and staff, academics, transportation and energy policy analysts, and journalists.

For more information please visit our web site:
www.uis.edu/cbam/cbr

*Center for Business and
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**Energy and Transportation Convergence:
Challenges and Opportunities for Electric Grid
Modernization**

**Hosted by the Center for Business and
Regulation, University of Illinois at Springfield**

**November 13, 2009
Chicago, Illinois**

8:00 am Registration

8:45 am Welcome

Karl McDermott, Acting Director
Center for Business and Regulation

8:50 am Introduction of Keynote

Speaker

Hon. Sherman Elliott, Commissioner
Illinois Commerce Commission

9:00 am Keynote Address

Mark Duvall, Director, Electric Transportation
Electric Power Research Institute

9:45 am

Anne Pramaggiore, President
Commonwealth Edison Company

10 am Morning Break

Sponsored by:

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10:15 am:

Session 1: Vehicle to Grid: Obstacles and Opportunities

- Is V2G a feasible application to address economic and environmental goals?
- What must occur for V2G to materialize in an efficient manner?
- What obstacles remain to implementing wide-scale V2G?

Moderator:

Hon. Monica Martinez, Commissioner
Michigan Public Service Commission

Panelists:

Britta Gross, Director, Global Energy Systems and Infrastructure Commercialization
General Motors

Dan Gabel, Manager of Fleet
Commonwealth Edison Company

Luke Tonachel, Vehicles Analyst
Natural Resources Defense Council

11:45 am:

MAGICC Demonstration

Scott Baker and Jon Lilley
Center for Carbon-free Power Integration- U. of Delaware

Lunch (11:50am– 1pm)

Luncheon Speaker

Hon. Marc Spitzer, Commissioner
Federal Energy Regulatory Commission

1 pm:

Session 2: Grid Architecture and V2G

- What changes to the structure of the grid are necessary for V2G deployment?
- What are the technical challenges to making V2G happen?
- What is the timing of these changes and what are the sequential steps?

Moderator:

Hon. Paul Centolella, Commissioner
Public Utilities Commission of Ohio

Panelists:

Ken Huber, Manager—Advanced Technology
PJM Interconnection Inc.

Rich Kalisch,
Midwest ISO

Larry Alford, Strategic Planning and Enterprise Development
Austin Energy

2:15 pm:

Session 3: Pricing and Policy for V2G

- How can pricing policy be a barrier to effective V2G programs?
- What practical policy changes are needed to support V2G programs?
- Should, and if so, how can, Federal and State policies be coordinated?

Moderator:

Robert Lieberman, Principal
Regulatory Assistance Project

Panelists:

Ron McNamara, Managing Director
Economic Consultant

Chris Thomas, Policy Director
Illinois Citizens Utility Board

Allen Freifeld, Senior Vice-President of External Affairs
Viridity Energy

3:30 pm Afternoon Break

Sponsored by:

Edward Hurley and Chico & Nunes, P.C.

3:45 pm:

Session 4: Regulator Roundtable, Summary, and Next Steps

- Summary of the day's discussion
- What do state regulator's see as their role in setting policy?
- What are the issues, barriers, and policy that need further exploration?

Moderator:

Karl McDermott, Acting Director
Center for Business and Regulation

Panelists:

Hon. David Boyd, Chair
Minnesota Public Utilities Commission

Hon. Paul Centolella, Commissioner
Public Utilities Commission of Ohio

Hon. Robert Clayton, Chair
Missouri Public Service Commission

Hon. Monica Martinez, Commissioner