

Advanced Workshop in Regulation and Competition
40th Annual Eastern Conference

Sheraton Atlantic City, New Jersey, June 1-3, 2022

The Conference features some of the latest developments in the telecommunications and energy sectors, including:

- Policy and Regulatory Issues
- Postal and Telecommunications
- Market Structure & RTOs
- Performance & Reliability
- Demand Response

Who should attend?

- Industry Economists, Attorneys and Consultants
- Marketing and Regulatory Managers
- Regulatory Commission Staff

Dinner Speakers: Mark Kolesar and Bruce Williamson

CENTER FOR
RESEARCH IN
REGULATED
INDUSTRIES

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CENTER FOR RESEARCH IN REGULATED INDUSTRIES

The *Center for Research in Regulated Industries*, located at Rutgers University, aims to further study of regulation in economics, finance, and institutions. Its publications, seminars, workshops, and courses make available the latest advances to academics, managers, and regulatory commission staff. The Center has over thirty-five years of experience providing research, instruction, conferences, courses, seminars, and workshops in economics of network industries. The Center's *Journal of Regulatory Economics* is an international scholarly bi-monthly publication intended to provide a forum for the highest quality research in regulatory economics. Other research from the Center's programs has been published in the book series *Topics in Regulatory Economics and Policy* and *Advances in Regulatory Economics*.

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40th ANNUAL EASTERN CONFERENCE

UPDATED January 4, 2023

WEDNESDAY, JUNE 1, 2022

3:00 - 4:00 Registration *PFCR*

4:00 - 6:00 Welcome to Conference: Victor Glass *Crown 3 Ballroom*

COMPETITION POLICIES AND NETWORK ISSUES

Tim Brennan: Failure Everywhere? The Expansion of Goals of Antitrust

Darryl Biggar: Seven Outstanding Issues in Energy Network Regulation Covid

Victor Glass: Analyzing Competition in the Online Economy

6:00 - 7:00 Cocktail Hour *PFCR*

7:00 - 9:00 **Dinner & Speech: Mark Kolesar, *The Role of the Regulator: Looking back and to the future***

THURSDAY, JUNE 2, 2022

7:00 - 8:30 Breakfast *Crown 3*

8:30 - 10:00 **Concurrent Sessions**

GRID GOVERNANCE

Crown 1

Chair: Tim Brennan

Discussant: Tim Tardiff

Eric Ackerman and John Caldwell: Toward a New Regulatory Compact for Electric IOUs

Darryl Biggar: Foundations of the Cost of Capital for Regulatory Purposes?

Daniel Walters and Andrew Kleit: Grid Governance in the Energy Trilemma Era: Remediating the Democracy Deficit

DER PRICING ISSUES

Crown 2

Chair: Alberto Lamadrid

Discussants: Noah Rauschkolb

Agustin Ros and Sai Shetty: Residential Rooftop Solar Demand and the Impact of NEM Compensation and Electricity Prices

Eric Woychik, Ken Skinner, and Richard Stevie: Combined Cost Effectiveness: Energy Efficiency and Electrification

Yan Flishenbaum: Lessons from Net Metering for Developing a Rate Design to Support Electrification Goals

Paul Zummo: Analyzing the Potential for End-Use Electrification

10:00 - 10:20 Coffee Break *PfCR*

10:20 - 11:50 **Concurrent Sessions**

ENVIRONMENTAL COMPLIANCE COSTS

Crown 1

Chair: Menahem Spiegel

Discussants: Eric Woychik

Bruce Williamson and David Braley: EPA Lead and Copper Rule: Compliance and the High Hurdle for Small Water Utilities

Richard Michelfelder and Eugene Pilotte: Characteristics of CO₂ Greenhouse Gas Emissions from Electricity Generators

Richard Michelfelder and Eugene Pilotte, U.S. Electric Utility Greenhouse Gas Emissions and Costs of Common Equity

TRANSMISSION AND DISTRIBUTION

Crown 2

Chair: Andy Kleit

Discussants: Mario DePillis

Tim Brennan: Tensions with Competition in Transmission Policy

Mark Kolesar: The Role of Transmission in Achieving Net Zero Panel

Francis Frank and Christin Domian, FERC Transmission NOPR – the Future of transmission planning

Liz Cook, Grid Resilience

11:50 - 12:55 Lunch *Crown 3*

12:55 - 2:25 **Concurrent Sessions**

COMMUNITY ENERGY PROGRAMS

Crown 1

Chair: Menahem Spiegel
 Discussants: Tim Mount
R. Kenneth Skinner, Mark Martinez, and Eric Woychik: A Tale of Two Cities [Plus One]: Energy Revolution in an Era of DER
Mark Kolesar and Bruce Williamson: Community Energy Projects
Mark Kolesar: Load Attraction Programs
Michael Einhorn, Regulating Energy Services with Social Contracts

NETWORK PRICING STRATEGIES

Crown 2

Chair: Victor Glass
 Discussants: Darryl Biggar, John Caldwell
David Besanko and Shana Cui: Pricing of Regulated Infrastructure: Interaction between firms and Regulators
Hung-po Chao, Shmuel Oren, and Robert Wilson: Pricing Strategy for Clean Power Under Uncertainty
Noah Rauschkolb: Efficient Residential Electricity Pricing in the Presence of Emerging Technologies

2:25 - 2:30 Break

THURSDAY, JUNE 2, 2022 (CONTINUED)

2:30 - 6:00 Exercise Break

6:00 - 7:00 Cocktail Hour

PfCR

7:00 - 9:00 Dinner & Speech: Bruce Williamson, *Regulatory Economics Today, Research and Practice*

Crown 3

FRIDAY, JUNE 3, 2022

7:00 - 9:00 Breakfast *Crown 3*

9:00 - 10:30 Concurrent Sessions

EXAMINING REGULATORY POLICIES

Crown 1

Chair: Menahem Spiegel
 Discussants: Tim Brennan
Karl McDermott and Carl Peterson: Financial Distress and Bankruptcy Risk in the Electric Utility Industry: A Re-examination of the Nuclear Crisis of the 1980s
Victor Glass and Tim Tardiff: The Limitations of Government Oversight of the Online Economy
Bruce Williamson: Regulation and Manager Tenure Effect on Major Defense Acquisition Program Progress Ratings

WHOLESALE MARKET DYNAMICS

Crown 2

Chair: John Caldwell
 Discussants: Darryl Biggar
Victor Glass, Hung-po Chao, and Mario DePillis: The Roles of Technology and Market Forces for Clean Power Under Uncertainty
Hung-po Chao and Mario DePillis: Review of Reserve Market Design for Clean Power Under Uncertainty
Alberto Lamadrid, Timothy Mount, and Wooyoung Jeon: The Increasing Cost of Maintaining System Adequacy

10:30 - 11:00 Coffee Break

11:00-12:30 Concurrent Sessions

NEW BUSINESSMODELS

Crown 1

Chair: Menahem Spiegel
 Discussant: Michael Einhorn
Eric Woychik and Eric Ackerman: The Challenges of Grid Transformation in Puerto Rico
Eric Woychik, Mark Martinez, Ken Skinner, and Richard Stevie, Transactive Energy Pricing with Distribution Automation: Enabling Large Scale Distributed Energy
Agustin Ros, Sai, Shetty, and Tim Tardiff, "Performance Based Regulation in Electricity and Cost Benchmarking: "Theoretical Underpinnings and Applications"

MARKET AND REGULATORY DESIGN UNDER UNCERTAINTY

Crown 2

Chair: Victor Glass
 Discussants: Eric Woychik
Darryl Biggar: Handling Non-Stationary Uncertainty in the Regulatory Context
Alberto Lamadrid, Timothy Mount, and Wooyoung Jeon: Modeling Risk for the Decarbonization of Electric Systems
Hung-po Chao: Stochastic Market Auction Design
Richard Tabors and Aleksandr Rudkevich: Stochastic Nodal Adequacy Pricing

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12:30 – 12:35 Closing Remarks: Victor Glass

Crown 3

12:35 – Lunch

SPEAKERS DISCUSSANTS & CHAIRS

Eric Ackerman, Managing Director, New Regulation LLC.

David Braley, Director, Telephone and Water, Maine PUC

Darryl Biggar, Special Economic Advisor, Australian
Competition and Consumer Commission

Tim Brennan, Professor Emeritus of Policy & Economics,
University of Maryland Baltimore County

John Caldwell, Pacific Energy Solutions

Hung-po Chao, President, Energy Trading Analytics

Elizabeth Cook, General Manager, Duquesne Light Company

Shana Cui, University of Florida

Christin Domian, Manager, Duquesne Light Company

Michael Einhorn, Media Technology, and Copyright

Francis Frank, Manager, Duquesne Light Company

Yan Flishenbaum, Department Manager, Con Edison
Company

Victor Glass, Director – CRRI and Professor of Professional
Practice. Rutgers University

Mark Kolesar, Chair Emeritus, Alberta Utilities Commission,
Managing Principal of Kolesar & Buchanan Associates

Alberto J. Lamadrid, Associate Professor of Economics,
Lehigh University

Madison Lichtenstein, Postal Regulatory Commission,
Econometrician

Karl A. McDermott, Ameren Professor of Government and
Business, University of Illinois-Springfield

Richard Michelfelder, Clinical Associate Professor, Rutgers
University

Timothy D. Mount, Professor Emeritus, Cornell University

Carl R. Peterson, Professor, University of Illinois Springfield

Eugene Pilotte, Professor of Finance, Rutgers University

Noah Rauschkolb, PhD Candidate, Columbia University

Alex Rudkevich, President, Newton Energy Group LLC

Agustin J. Ros, Principal, The Brattle Group

Menahem Spiegel, Professor, Rutgers University

Sheldon Switzer, Manager - DSM Evaluation, Baltimore Gas
and Electric

Timothy J. Tardiff, Principle, Advanced Analytical
Consulting Group

Bruce Williamson, Commissioner Emeritus, Maine PUC and
Senior Fellow, Public Utility Research Center, U. of Florida

Eric Woychik, Senior Vice President, Wildan Energy
Solutions

Paul Zummo, Director, Policy Research and Analysis,
American Public Power Association

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ORGANIZING COMMITTEE

Eric Ackerman (Pacific Energy Institute)
Timothy Brennan (University of Maryland, Baltimore County emeritus)
John Caldwell (Pacific Energy Institute)
Hung-po Chao (Energy Trading Analytics.)
Yan Flishenbaum, Con Edison
Victor Glass (Rutgers University)
Sean Isakower (New York State Depart. of Public Service)
Matthew Robinson (U.S. Postal Regulatory Commission)
Menahem Spiegel (Rutgers University)
Howard Spinner (NOVEC)
Sheldon Switzer (Baltimore Gas and Electric)

HOTEL RESERVATIONS

Sufficient Rooms are reserved at the Sheraton All reservations must be made by May 4, 2022.

Sheraton Atlantic City Convention Center Hotel
Two Convention Boulevard
Atlantic City, New Jersey 08401

Phone: 1-609-344-3535

Book your group rate for Rutgers Eastern Conference 2022

The Hotel rate is \$79.00 for single occupancy.

Meals provided by CRRRI

CONFERENCE STAFF

Victor Glass, Director – CRRRI and Professor of Professional Practice
Conference Chair

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Rutgers Business School
1 Washington Park, Room 1120
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Website: www.business.rutgers.edu/CRRRI

REGISTRATION INFORMATION

To Register: Please complete and return the form below. Registrations are accepted by mail, email, fax, and telephone. Please confirm telephone registrations by sending in a completed and signed registration form. The deadline for registrations is April 2, 2016. Registrations received after April, 2016, will be admitted on a space available basis.

Volume discount: Second and subsequent applications received in the same envelope, fax, email, or made at the same time by phone will receive a 5% volume discount.

Payment Information: Make checks payable to “Rutgers University” and mail to the attention of CRRRI at the above address. Fees include prescribed learning materials, reception, coffee breaks, and include meals.

REGISTRATION FORM: 40th Annual Eastern Conference

Name: _____

Title: _____

Company: _____

Complete Address: _____

Telephone: _____ Fax: _____

Email: _____

Billing Information

Payment enclosed \$1,050.00 U.S. Dollars

Send invoice to participant at above address.

Send invoice to _____

Credit Card: VISA MC Exp. ____/____

GOVERNMENT RATE: Government employees may apply for reduced enrollment fees.

I would like to apply for the government rate of \$650.00

I would like to apply for the academic discount of \$500

Card # _____

CANCELLATION POLICY: Until April 1, 2022 cancellation is allowed without penalty and refunds will be allowed in full. After this date, the indicated fee is due in full whether or not the participant actually attends. Substitutions may be made at any time.

Signature of Participant _____

