

# CRRI

Advanced Workshop in Regulation and Competition

## 34th Annual Western Conference

Hyatt Regency, Monterey, California on June 14 - 16, 2023

The Conference features some of the latest developments in the network industries, especially energy, including:

- C**ENTER FOR  
**R**ESearch IN  
**R**EGULATED  
**I**NDUSTRIES
- Market Structure
  - Policy and Regulatory Issues
  - Environmental Policy and GHG
  - Telecommunications and Water
  - Pricing and Demand Response
  - Capacity and Reliability

Who should attend:

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

**Dinner Speaker:** Commissioner Darcie L. Houck, CPUC

RUTGERS

### 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, workshop, and courses make available the latest advances to academics, managers, and regulatory commission staff. The Center has over thirty-five years of experience providing

## **34th Annual Western Conference**

## **CRRI – Rutgers University**

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*.

[crri@business.rutgers.edu](mailto:crri@business.rutgers.edu)

[www.business.rutgers.edu/CRRI](http://www.business.rutgers.edu/CRRI)

**Rutgers Business School • 1 Washington Park, Room 1104 • Newark, NJ 07102-1897**

**973-353-5761**

**WEDNESDAY, JUNE 14, 2023**

2:00 – 4:30	Registration	<i>Big Sur</i>
4:30 – 6:05	Welcome to Conference: Victor Glass	<b>Cypress</b>
<b>PLENARY:</b> <b>Nichole Hanus</b> -- Overview of recent state-level energy equity and affordability regulation, legislation, and executive action in the U.S. <b>Tim Brennan</b> -- The Lesson of Price Caps: Economizing on Regulatory Information <b>William Kovacic</b> -- The Future of Fusion as an Electric Power Source: Lessons from the Development of the US Fission-Based Civilian Nuclear Power Program  6:00-7:00PM Cocktail Hour <i>Cypress 1</i> 7:00-9:00PM <b>Dinner and Keynote Speech</b> Darcie L. Houck <i>Cypress 1 and 2</i>		

**THURSDAY, JUNE 15, 2023**

8:30-10:00AM <i>Concurrent Sessions</i> <i>Cypress 1-2</i>		<i>Big Sur 1-3</i>
<b>ENVIRONMENT AND EQUITY</b> Chair: Stephen St. Marie Discussants: Rami Kahlon <b>Mark S. Martinez and Eric C. Woychik</b> -- Dynamic Customer Market Pricing at Scale <b>JP Carvalho</b> -- The use of price-based demand response as a resource in electricity system planning <b>Bruce Mountain</b> , Central Control of Distributed Batteries	<b>ALTERNATIVE BUSINESS MODELS</b> Chair: Menahem Spiegel Discussants: Mark Kolesar <b>Kevin Bell</b> -- Distributed Energy and the Prospects for Energy Transformation in California <b>Udi Helman</b> -- Demand Response and dispatchable DER in wholesale markets: a comparative review in the US ISOs <b>Darryl Biggar</b> – Resource adequacy in power systems in transition: Another look at capacity markets	
10:00-10:20AM <b>Coffee and Tea Break, Cypress 1</b> 10:20AM- Noon <b>Concurrent Sessions</b>		
<b>RESOURCE ADEQUACY</b> Chair: Menahem Spiegel Discussants: Tim Brennan <b>JP Carvalho</b> -- A Guide for Improved Resource Adequacy Assessments in Evolving Power Systems <b>Robert Enriken</b> Genevieve de Mijolla (EPRI), Elain Hart (Moment Energy Insights), Ana Mileva (Blue Marble Analytics), Aidan Tuohy (EPRI) -- Resource Adequacy for a Decarbonized Future: Overview and WECC Insights <b>Ephram Glass</b> -- Examining Cost-Effective Options for Mitigating Wildfires, Case Study: the Town of Corte Madera, California	<b>REGULATION</b> Chair: Kim Lighthart Discussants: Catherine Elder <b>Darryl Biggar</b> -- What weight should we place on benchmarking in public utility regulation? <b>Karl McDermott</b> -- The Effect of Financial Distress and Bankruptcy Risk in the Electric Utility Industry: How did State Regulatory Policy affect Commission Rankings	
Noon – 1:30PM <b>Lunch</b> 1:30- 3:00 PM <b>Concurrent Sessions</b>		

<p><b>DECARBONIZATION</b>                  Chair: Carl Peterson                  Discussants: Fereidoon P. Sioshani  <b>Mark Kolesar</b> -- Commercial EV DC Fast Charging market with an emphasis on the role of distribution utilities in the market  <b>Carl Peterson</b> -- The Economics of Climate Change Policy: Carbon Capture and Other Considerations for the Electric Industry</p>	<p><b>CPUC PRICING POLICIES</b>                  Chair: Jason Hansen                  Discussants: Anne-Marie Cuneo  <b>Tim Brennan</b> -- The Persistence of Volumetric Pricing  <b>Amparo Nieto</b> – The Role of Electricity Rates in a Successful Decarbonization: An Economist’s View of California Proposal  <b>Marius Stuebs et al.</b>, The Duck and its Bill. Potential Impacts of Dynamic Electricity Pricing on California Utility Customers</p>
<p><b>FRIDAY, JUNE 16, 2023</b>                  9:00 -11:00AM <b>Concurrent Session</b></p>	
<p><b>Cypress 1-2</b>  <b>DYNAMISM AND CHANGE</b>                  Chair: Bruce Mountain                  Discussants: Amparo Nieto, Menahem Spiegel  <b>Mark S. Martinez and Eric C. Woychik</b> -- Essential Premise for Dynamic Pricing with Equity  <b>Jason Hansen</b>, W. Jenson, N. Stauff, K. Biegel, T. Kim, R. Belles, F. Omitaomu -- Investigating Benefits and Challenges of Converting Retiring Coal Plants into Nuclear Plants</p>	<p><b>Big Sur 1-3</b>  <b>RETAIL MARKET CONTRACTS</b>                  Chair: Marius Stuebs                  Discussants: JP Carvallo  <b>Mark Kolesar</b> – Distribution Utilities must Rethink their Traditional Business Models  <b>Darryl Biggar</b> and Mohammad Hesamzadeh -- Optimal Retail Contracts with Contractible Uncertainty  <b>Fereidoon Sioshansi</b> – The Future of Decentralized Distribution Networks</p>
<p>11:10-11:30AM Concluding Remarks Victor Glass</p>	

**SPEAKERS DISCUSSANTS & CHAIRS**

**Kevin Bell**, Principal, Convergence Research LLC  
**Darryl Biggar**, Adjunct Associate Professor, Monash University and Senior Advisor, Cambridge Economic Policy Associates (CEPA)  
**Tim Brennan**, Professor Emeritus, University of Maryland Baltimore County  
**JP Carvallo**, Sr. Scientific Engineering Associate, Lawrence Berkeley National Laboratory  
**Heide Caswell**, Administrator, Oregon Public Utilities Commission  
**Anne-Marie Cuneo**, Director of Regulatory Operations, Nevada Public Utilities Commission  
**Catherine Elder**, Principal Associate, Aspen Environmental Group  
**Robert Entriken**, Principal Technical Leader, EPRI  
**Victor Glass**, Professor, Rutgers Business School  
**Jason Hansen**, Sr. Research Economist, Idaho National Laboratory  
**Nichole Hanus**, Electricity Markets and Policy Department, Lawrence Berkeley National Laboratory  
**Udi Helman**, Principal, Helman Analytics  
**Obert Kelly**, Vice President, Suburban Water Systems  
**Rami Kahlon**, Director of Regulatory Affairs, California Water Service  
**Robert Kelly**, Vice President, Southwest Water Company  
**Mark Kolesar**, Chair Emeritus, Alberta Utilities Commission, Managing Principal of Kolesar & Buchanan Associates  
**Willaim Kovacic**, Professor of Law, George Washington University  
**Kim Lighthart**, Policy Advisor, Nevada Public Utilities Commission  
**Bruce Mountain**, Director, Victoria Energy Policy Center, Victoria University  
**Amparo Nieto**, Associate Partner, PA Consulting  
**Carl Peterson**, Professor, University of Illinois-Springfield  
**Stephen St. Marie**, Consultant  
**Fereidoon P. Sioshani**, President, Menlo Energy Economics  
**Menahem Spiegel**, Professor, Rutgers Business School  
**Marius Stuebs**, Lawrence Berkeley Laboratory  
**Eric Woychik**, Principal, Strategy Integration L.L.C.

**ORGANIZING COMMITTEE**

Matthew Arenchild (Guidehouse Consulting, Inc.)  
 Carl Danner (Berkeley Research Group)  
 Robert Entriken (EPRI)  
 Cynthia Fang (Northwestern Energy)  
 Victor Glass (Rutgers University)  
 Amparo Nieto (PA Consulting)  
 Paul Nelson, (Golden State Utility Consulting)

**HOTEL RESERVATIONS**

Sufficient Rooms are reserved at the Hyatt Regency Monterey for all of the Conference participants. Reservations should be received by **May, 2023**. Hotel reservation can be made by using the following Passkey Link  
 CRRI 34TH ANNUAL WESTERN CONF  
<https://www.hyatt.com/en-US/group-booking/MRYDM/G-CR36>

**CONTACTING CRRRI**

Regency Monterey  
1 Golf Course Road  
Monterey, California, 93940, USA  
1-888-421-1442

If you are not making reservations through the link above, please identify yourself as being held under the group block: Rutgers University CRRRI Program.

Victor Glass, Director – CRRRI and Professor of Professional Practice, Rutgers University  
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**REGISTRATION INFORMATION**

**To Register:** Please complete and return the form to CRRRI. 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 May 24, 2023. Registrations received after May 24, 2023 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 at the above address. Fees include prescribed learning materials, dinner on Wednesday night, June 14, 2023, all receptions and coffee breaks, but do not include lodging and other meals. The government registration fee is available for government employees.

**REGISTRATION FORM: 32nd Annual Western Conference**

Name \_\_\_\_\_  
Title: \_\_\_\_\_  
Company: \_\_\_\_\_  
Complete Address: \_\_\_\_\_  
Telephone: \_\_\_\_\_ Fax: \_\_\_\_\_  
Email: \_\_\_\_\_

**Billing Information:**

Payment enclosed \$1,135 U.S. Dollars  
 Send invoice to participant at above address.  
 Send invoice to \_\_\_\_\_  
 Credit Card:  VISA  MC Exp. \_\_\_\_/\_\_\_\_ CVC Code: \_\_\_\_ Card # \_\_\_\_\_

GOVERNMENT RATE: Government employees may apply for reduced enrollment fees.  
 I would like to apply for the govt rate of \$610

**CANCELLATION POLICY:** Until May 9, 2019 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:**

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