

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
RESearch IN
REGULATED
INDUSTRIES
- 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

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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

www.business.rutgers.edu/CRRI

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973-353-5761

WEDNESDAY, JUNE 14, 2023

2:00 – 4:30	Registration	<i>Mark Thomas Foyer</i>
4:30 – 6:05	Welcome to Conference: Victor Glass	Cypress
PLENARY:		
Nichole Hanus -- Overview of recent state-level energy equity and affordability regulation, legislation, and executive action in the U.S.		
Tim Brennan -- The Lesson of Price Caps: Economizing on Regulatory Information		
Karl McDermott -- The Role of Regulatory Lag, Profit and Incentives in Replicating Competition under Regulation: An Examination of the History and Myths of the Role of Lag in Regulatory Design		
William Kovacic -- 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>Mark Thomas Foyer</i>
7:00-9:00PM	Dinner and Keynote Speech Darcie L. Houck	<i>Windjammer</i>

THURSDAY, JUNE 15, 2023

8:30-10:00AM Concurrent Sessions	
<i>Cypress</i>	<i>Windjammer</i>
ENVIRONMENT AND EQUITY Chair: Discussants: Mark S. Martinez and Eric C. Woychik -- Dynamic Customer Market Pricing at Scale JP Carvallo -- Assessing the equitable distribution of PV + storage resilience benefits Bruce Mountain , Central Control of Distributed Batteries	ALTERNATIVE BUSINESS MODELS Chair: Discussants: Kevin Bell -- Distributed Energy and the Prospects for Energy Transformation in California Udi Helman -- Demand Response and dispatchable DER in wholesale markets: a comparative review in the US ISOs Darryl Biggar and Mohammad Hesamzadeh -- Should Regulators allow Retail customers to enter into Multiple electricity Trading Relationships at a single site?
10:00-10:20AM Coffee and Tea Break	
10:20AM- Noon Concurrent Sessions	
RESOURCE ADEQUACY Chair: Discussants: JP Carvallo -- The costs of long-duration and widespread interruptions: methodological innovations in survey design and results for a U.S. state Robert Enriken Genevieve de Mijolla (EPRI), Elaine Hart (Moment Energy Insights), Ana Mileva (Blue Marble Analytics), Aidan Tuohy (EPRI) -- Resource Adequacy for a Decarbonized Future: Overview and WECC Insights Ephram Glass -- Examining Cost-Effective Options for Mitigating Wildfires, Case Study: the Town of Corte Madera, California	REGULATION Chair: Discussants: Catherine Elder Darryl Biggar -- What Weight should we place on Benchmarking in Public Utility Regulation? Karl McDermott -- The Effect of Financial Distress and Bankruptcy Risk in the Electric Utility Industry: How did State Regulatory Policy affect Commission Rankings
Noon – 1:30PM Lunch	
1:30- 3:00 PM Concurrent Sessions	
DECARBONIZATION	CPUC PRICING POLICIES

Chair: Discussants: Mark Kolesar -- Commercial EV DC Fast Charging market with an emphasis on the role of distribution utilities in the market Joseph William McNamara -- Defining the pathways toward decarbonizing the U.S. electric grid Carl Peterson -- The Economics of Climate Change Policy: Carbon Capture and Other Considerations for the Electric Industry	Chair: Discussants: Tim Brennan -- The Persistence of Volumetric Pricing Amparo Nieto – The Role of Electricity Rates in a Successful Decarbonization: An Economist’s View of California Proposal
FRIDAY, JUNE 16, 2023	
9:00 -11:00AM Concurrent Session	
Cypress 1-3	Windjammer
DYNAMISM AND CHANGE Chair: Discussants: Mark S. Martinez and Eric C. Woychik -- Essential Premise for Dynamic Pricing with Equity Jason Hansen, W. Jenson, N. Stauff, K. Biegel, T. Kim, R. Belles, F. Omitaomu -- Investigating Benefits and Challenges of Converting Retiring Coal Plants into Nuclear Plants	RETAIL MARKET CONTRACTS Chair: Discussants: Mark Kolesar – Distribution Utilities must Rethink their Traditional Business Models Darryl Biggar and Mohammad Hesamzadeh -- Optimal Retail Contracts with Contractible Uncertainty Fereidoon Sioshansi – In Comparison to Intermediaries, Incumbent Utilities are not Active in Optimizing of a Portfolio of Assets that can Maximize Value and Reduce Costs
11:10-11:30AM Concluding Remarks Victor Glass	

SPEAKERS DISCUSSANTS & CHAIRS

Kevin Bell, Principal, Convergence Research LLC
Darryl Biggar, Special Economic Advisor, Australian Competition and Consumer Commission
Tim Brennan, Professor Emeritus, University of Maryland Baltimore County
JP Carvalho, Sr. Scientific Engineering Associate, Lawrence Berkeley National Laboratory
Anne-Marie Cuneo, Director of Regulatory Operations, Nevada Public Utilities Commission
Catherine Elder, Principal Associate, Aspen Environmental Group
Robert Enriken, 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
Myron Katz, Energy Moisture and Building Science Consultant
Robert Kelly, Vice President, Southwest Water Company
Mark Kolesar, Chair Emeritus, Alberta Utilities Commission, Managing Principal of Kolesar & Buchanan Associates
William Kovacic, Professor of Law, George Washington University
Kim Lighthart, Policy Advisor, Nevada Public Utilities Commission
Karl McDermott, Ameren Professor of Government and Business, University of Illinois-Springfield
Joseph William McNamara, Energy Storage Policy Analyst, Sandia National Laboratories
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. Sioshansi, President, Menlo Energy Economics
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 Enriken (EPRI)
 Cynthia Fang (Northwestern Energy)
 Victor Glass (Rutgers University)
 Amparo Nieto (PA Consulting)
 Paul Nelson, (Barkovich and Yap Inc.)

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

33rd Annual Western Conference

CRRRI – Rutgers University

CRRRI 34TH ANNUAL WESTERN CONF

<https://www.hyatt.com/en-US/group-booking/MRYDM/G-CR36>

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.

CONTACTING CRRRI

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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:
