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

- Deregulation
- 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:** Chair Commissioner Emeritus Mark Kolesar
### Wednesday, June 22, 2022

<table>
<thead>
<tr>
<th>Time</th>
<th>Event</th>
<th>Location</th>
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</thead>
<tbody>
<tr>
<td>2:00 – 4:30</td>
<td>Registration</td>
<td>Mark Thomas Foyer</td>
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<tr>
<td>4:30 – 6:05</td>
<td>Welcome to Conference: Victor Glass</td>
<td>Cypress</td>
</tr>
</tbody>
</table>
| 4:35 – 6:00 | *Agustin Ros* “Performance-Based Regulation”  
*Darryl Biggar,* “Seven Outstanding Issues in Electricity Network Regulation”  
*William Kovacic,* “The Biden Administration: The Transformation of Economic Regulation” |
| 6:00 – 7:00 | Cocktail Hour                                                         | Mark Thomas Foyer |
| 7:00 – 9:00 | Dinner & *Keynote Speech: Mark Kolesar*  
*The Role of the Regulator: Looking back and to the future* |
| 9:00 – 10:00 | Reception                                                             | Windjammer 1-4r   |

### Thursday, June 23, 2022

<table>
<thead>
<tr>
<th>Time</th>
<th>Concurrent Sessions</th>
</tr>
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</table>
| 8:30 – 10:00AM | **Energy Communities**  
Chair: Menahem Spiegel  
Discussants: Jason Hansen  
**Eric Woychik, Kenneth Skinner, and Mark Martinex:** A Tale of Two Cities [Plus one] Energy Revolution in an Era of DER  
**Mark Kolesar** Community Energy Projects |
| 10:00 – 10:20AM | Coffee & Tea Break                                                                                       |
| 10:20 – Noon  | **Reliability Strategies**                                                                                  |
| 1:15 – 2:45PM | **Concurrent Sessions**                                                                                   |

**Note:** The schedule and details are subject to change. Please check the official conference website for the most up-to-date information.
<table>
<thead>
<tr>
<th>Session Title</th>
<th>Speaker(s)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Managing Decarbonization</td>
<td>Catherine Elder, Tim Brennan, Eric Woychik, Alberto Lamadrid, Timothy Mount, and Wooyoung Jeon</td>
</tr>
<tr>
<td>Daniel Stuart and James Stock</td>
<td>Robust Decarbonization of the US Power Sector: Policy Options</td>
</tr>
<tr>
<td>Matthew Arenchild</td>
<td>IEvolution of the Electric Wholesale Market – Coordination vs. Competition</td>
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<tr>
<td>Mark Kolesar and Liza Reed</td>
<td>The Role of Transmission in Achieving Net Zero</td>
</tr>
<tr>
<td>Darryl Biggar</td>
<td>Foundations of the Cost of Capital for Regulatory Purposes</td>
</tr>
<tr>
<td>Peter Blazunas, Kelly Porter, Carl Peterson</td>
<td>Charging Ahead: A Toolkit for Electric Vehicle Charging Rate Design Policies</td>
</tr>
<tr>
<td>Udi Helman</td>
<td>Demand Response and Dispatchable DER in Wholesale Markets: a Comparative Review in the US ISOs</td>
</tr>
</tbody>
</table>

**Friday, June 24, 2022**

<table>
<thead>
<tr>
<th>Time</th>
<th>Concurrent Sessions</th>
<th>Spy Glass 1-2</th>
</tr>
</thead>
<tbody>
<tr>
<td>8:30 – 10:00AM</td>
<td>Electric Vehicles</td>
<td>Regulatory Economics</td>
</tr>
<tr>
<td>Chair: Frank Harris</td>
<td>Discussants: Fereidoon Sioshansi:</td>
<td>Chair: Jimi Neetmiss</td>
</tr>
<tr>
<td>M. Martinez, K. Skinner, R. Stevie, and E. Woychik</td>
<td>Optimal Electric Vehicle Charging – Least Cost GHG Levels with Transportation Electrification and DER</td>
<td>Discussants: Rami Kahlon, Catherine Elder</td>
</tr>
<tr>
<td>Andrew Satchwell, J.P. Carvallo, and Peter Capers</td>
<td>The Financial Impacts of Electric Vehicles on Utility Shareholders and Ratepayers</td>
<td>Tim Brennan, Willingness to Pay to Avoid Higher Temperatures: A Simple Model with Complex Implications</td>
</tr>
<tr>
<td>Coffee and Tea Break, &amp; Check out</td>
<td>Paul Nelson, Annualizing Capital Costs When Prices are Declining</td>
<td>Cyndee Fang, Residential Time of Use, and How We Got There</td>
</tr>
<tr>
<td>10:30:30AM</td>
<td>10:30 – 12:15PM</td>
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<tr>
<td>10:30 – 12:15PM</td>
<td>Resiliency Panel</td>
<td>Mark Thomas Foyer</td>
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<tr>
<td>Chair: Bob Entriken</td>
<td>Wilson Rickerson, Regulatory Considerations for Utility Investments in Defense Energy Resilience</td>
<td></td>
</tr>
<tr>
<td>Peter Larsen</td>
<td>Estimating the Impacts of Power Interruption</td>
<td></td>
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</tbody>
</table>
33rd Annual Western Conference

12:15 – 12:20   Concluding Remarks – Victor Glass

Cypress

SPEAKERS DISCUSSANTS & CHAIRS

Megan Accordino, Vice President, Analysis Group
Matt Arenchild, Partner, Guidehouse
Jeremy Battis, Senior Analyst, CPUC
Darryl Biggar, Special Economic Advisor, Australian Competition and Consumer Commission
Anastasia Bogdanova, Associate, Analysis Group
David Brown, Associate Professor, University of Alberta
Tim Brennan, Professor Emeritus, University of Maryland Baltimore County
JP Carvallo, Sr. Scientific Engineering Associate, Lawrence Berkeley National Laboratory
Alberto Lamas, Associate Professor of Economics, Lehigh University
Catherine Elder, Principal Associate, Aspen Institute
Robert Entriken, Principal Technical Leader, EPRI
Cyndee Fang, Director of Regulatory Affairs, Northwestern Energy
Adam Farbaugh, Market Development Manager, Uplight
Victor Glass, Professor, Rutgers Business School
Jason K. Hansen, Sr. Research Economist, Idaho National Laboratory
Frank Harris, Manager of Energy and Regulatory Policy, California Municipal Utilities Association
Eric Hilderbrandt, Executive Director, Department of Market Monitoring, CAISO
Udi Helman, Principal, Helman Analytics
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
Peter Larsen, Leader, Electricity Markets and Policy Department, Lawrence Berkeley National Laboratory
Kim Lighthart, Policy Advisor, PUC Nevada
Rafael Emmanuel Macatangay, Regulatory Economist, PUC Nevada
Jeffrey T. Macher, Professor, McDonough School of Business, Georgetown University
Marty Martinez, Senior Portfolio Manager, Southern California Edison
John Mayo, Professor of Economics, Business, and Public Policy, Georgetown University
Tim Mount, Professor Emeritus, Cornell University
Paul Nelson, Consultant, Barkovich and Yap Inc.
Jimi Netmis, Assistant General Manager Finance, Modesta Irrigation District
Amparo Nieto, Senior Director, E3 – Energy and Environmental Economics
Robert Press, Post Doctoral Fellow, Georgetown University
Lisa Reed, Research Manager, Niskanen Center
Wilson Rickerson, Principal, Converge Strategies
Agustin Ros, Principal, Brattle Group, Adjunct professor, Brandeis University
David Salant, Associate Faculty, Toulouse School of Economics
Fereidoon P. Sioshani, President, Menlo Energy Economics
Menahem Spiegel, Professor, Rutgers Business School
Daniel Stuart, Associate, Analysis Group
Eric Woychik, Senior Vice President, Willdan Group

ORGANIZING COMMITTEE

Matthew Arenchild (Guidehouse Consulting, Inc.)
Carl Danner (Berekeley Research Group)
Robert Entriken (EPRI)
Cynthia Fang (Northwestern Energy)
Victor Glass (Rutgers University)
Amparo Nieto (E3)
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 22, 2022. Hotel reservation can be made by using the following Passkey Link

CRRI 33RD ANNUAL WESTERN CONF

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 CRRI Program.
### REGISTRATION INFORMATION

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

**Name**

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**Title:**

---

**Company:**

---

**Complete Address:**

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**Telephone:**

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**Fax:**

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**Email:**

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**Billing Information:**

- Payment enclosed $1,135 U.S. Dollars
- Send invoice to participant at above address.
- Send invoice to ____________________________

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

- I would like to apply for the govt rate of $610

**Credit Card:** __ VISA  __ MC  Exp. __/____  CVC Code: __  

**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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