

## **Cars, Chargers, and Customers: Electric Utilities & EVs**

### **A Northwestern Electricity Dialogue WEBINAR**

Northwestern Pritzker School of Law

Tuesday, April 27, 2021

8:45 a.m. – 12:00 p.m. CDT

9:45 a.m. – 1:00 p.m. EDT

*Times listed below are CDT.*

*How can states create the “right” regulatory landscape to accommodate and promote EV expansion? This Northwestern Electricity Dialogue Webinar tries to answer this vital question by bringing together five different but interdependent electric vehicles perspectives: auto manufacturers, customers, charging infrastructure developers, electric utilities, and utility regulators. After a comprehensive, overarching keynote, one panel will discuss the EV landscape and promise; current and future impacts; customer interest, how auto manufacturers are meeting demand, and what infrastructure (physical, regulatory) is needed. The second panel of leading state utility regulators will discuss what they, and those utilities they regulate, are doing to promote or hinder the roll-out of EVs.*

8:45-9:30 a.m.

#### **Opening Remarks and State EV Overviews**

**Maria Bocanegra**, Commissioner, Illinois Commerce Commission

**Katherine Peretick**, Commissioner, Michigan Public Service Commission

**Joseph K. Sullivan**, Vice-chair, Minnesota Public Utilities Commission

9:30-10:45

#### **Session One — The EV Landscape & Promise**

*This panel offers an overview of the EV landscape; discussions of current and future impacts; customer interest, how auto manufactures are meeting demand, and what infrastructure (physical, regulatory) is needed.*

- **Moderator: Alexandra B. Klass**, Distinguished McKnight University Professor, University of Minnesota Law School
- **Apoorv Bhargava**, Co-founder & CEO, Weave Grid

- **Russ Musgrove**, Managing Director, Global Vehicles, FedEx Express
- **Lang Reynolds**, Director of Electric Transportation, Duke Energy

10:45-12:00 p.m.

**Session Two — States, EVs & Utilities: The Good, Bad & Ugly of State Utility Regulation & EVs**

*From the state utility regulators, what are they (and those utilities they regulate) doing to promote or hinder the roll-out of EVs. How Can States Create the “right” Regulatory Landscape to Accommodate EV expansion?*

- **Moderator: Kellen Schefter**, Director, Electric Transportation, Edison Electric Institute
- **Abigail Anthony**, Commissioner, Rhode Island Public Utilities Commission
- **Ryan Silvey**, Chairman, Missouri Public Service Commission
- **Letha Tawney**, Commissioner, Oregon Public Utility Commission

12:00 p.m.

**Adjourn**

Participants (as of April 26, 2021)

1. **Abigail Anthony**, Commissioner, Rhode Island Public Utilities Commission
2. **Apoorv Bhargava**, Co-founder & CEO, Weave Grid
3. **Maria Bocanegra**, Commissioner, Illinois Commerce Commission
4. **Alexandra B. Klass**, Distinguished McKnight University Professor, University of Minnesota Law School
5. **Russ Musgrove**, Managing Director, Global Vehicles, FedEx Express
6. **Katherine Peretick**, Commissioner, Michigan Public Service Commission
7. **Lang Reynolds**, Director of Electric Transportation, Duke Energy
8. **Kellen Schefter**, Director, Electric Transportation, Edison Electric Institute
9. **Ryan Silvey**, Chairman, Missouri Public Service Commission
10. **Joseph J. Sullivan**, Vice Chair, MN Public Utilities Commission
11. **Letha Tawney**, Commissioner, Oregon Public Utility Commission

Registrants (as of April 26, 2021)

1. **Ed Achaab**, Trans Asset Manager, AEP
2. **Kwafo Adarkwa**, Manager, Regulatory Strategy, ITC Holdings Corp
3. **Alejandro Aixala**, Advisor, Illinois Commerce Commission
4. **Jim Alexander**, SVP Business Attraction, AllianceSTL
5. **Grant Anderson**, Senior Regulatory Affairs Analyst, Idaho Power
6. **Alison Archer**, Regional Director- State Regulatory Affairs, MISO
7. **Kenrick Au**, Accountant, Illinois Commerce Commission

8. **Vicki Baldwin**, Shareholder, PB&L
9. **Sunday Balogun**, Electrical Engineer II, Illinois Commerce Commission
10. **Adam Benschoff**, Vice President, Regulatory Affairs, Edison Electric Institute
11. **Brian Billing**, EE & Consumer Programs Manager, AEP Ohio
12. **Christopher Boggs**, Rates Analyst, Illinois Commerce Commission
13. **Michelle Bohanan**, Rate Analyst, Wyoming Public Service Commission
14. **Scott Bolton**, SVP, Transmission Development, PacifiCorp
15. **Celina Bonugli**, World Resources Institute
16. **Bev Bowlby**, Manager Regulatory Affairs, Ameren Illinois
17. **Kate Bowman**, RE Program Manager, Utah Clean Energy
18. **David Boyd**, Regulatory and Policy Strategist, AESL
19. **James Branscomb**, Senior Rate Engineer, Wyoming Public Service Commission
20. **Daney Brauchie**, Engineer, Wyoming Public Service Commission
21. **Cameron Brooks**, President, E9 Insight
22. **Tina Brooks**, Supervisor, Pacific Power
23. **Daryl Brown**, Executive Director - External Affairs - South Region, MISO-Little Rock
24. **Emily Brown**, Regulatory Consultant, AEP
25. **Rich Brunt**, Sr. Analyst, Indiana Utility Regulatory Commission
26. **Ryan Burg**, Principal Business Analyst, ComEd
27. **Jessica Cardoni**, Administrative Law Judge, Illinois Commerce Commission
28. **Michael T. Carrigan**, Commissioner, Illinois Commerce Commission
29. **Phillip Casey**, Partner, Calfee
30. **Stacie Cathcart**, Aide to Commissioner Conway, PUCO
31. **Tony Chavez**, Professor of Law, Chase College of Law
32. **Ray Chesna**, Procurement, United Parcel Service, Inc.
33. **Tina Chin**, Counsel, Massachusetts DPU
34. **Theresa Christian**, Sr. Corp. Strategy Manager, Exelon
35. **Julie Clark**, Attorney, Clark Energy Law
36. **Maida Coleman**, Commissioner, Missouri Public Service Commission
37. **Mike Colwell**, Director, Strategic Sourcing, Illinois Tool Works
38. **Allison Connell**, Senior Consultant, Deloitte Consulting
39. **Daniel Conway**, Commissioner, PUCO
40. **Sarah Cronin**, Commissioner Assistant, Illinois Commerce Commission
41. **Megan Decker**, Commission Chair, Oregon Public Utility Commission
42. **Mark Demonte**, Partner, Whitt Sturtevant LLP
43. **Glennon Dolan**, Administrative Law Judge, Illinois Commerce Commission
44. **Brian Draxten**, Manager, Resource Planning, Otter Tail Power Company
45. **Maisha Earl**, Principal Regulatory Specialist, ComEd

46. **Jacque Elliot**, Director, National Customers, Edison Electric Institute
47. **Matt Ellis**, Regional Transmission Program Manager, Great River Energy
48. **Christine Ericson**, Attorney, Illinois Commerce Commission
49. **Deb Erwin**, Mgr, Regulatory Policy, Xcel Energy
50. **Linda Evers**, Shareholder, Stevens & Lee
51. **Jeff Ewart**, Executive Director, MGA
52. **Evan Fairmont**, Manager, ScottMadden
53. **Dave Farnsworth**, Principal, RAP
54. **Julie Fedorchak**, Commissioner, North Dakota Public Service Commission
55. **David Fein**, Founder and President, Fein Solutions LLC
56. **Al Freeman**, Assistant to Division Director, Michigan Public Service Commission
57. **David Friedrich**, Energy Efficiency Analyst, AEP Ohio
58. **Bob Funk**, Solicitor General, Illinois Commerce Commission
59. **Edward Garvey**, President, AESL Consulting
60. **Rob Gibbs**, Director - Government Affairs, NRG Energy
61. **Roger Goldstein**, Exec. Director Facilities, Panda Restaurant Group, Inc.
62. **Paul Goralski**, Regulatory Consultant, Idaho Power
63. **Katherine Goyette**, Counsel, DPU
64. **Tom Graff**, National Account Exec, Ameren
65. **Ryan Granholm**, Staff Attorney, Illinois Commerce Commission
66. **Jason Grenier**, Manager of Market Planning, Otter Tail Power Company
67. **Ryan Hadley**, Executive Director of External Affairs, Indiana Utility Regulatory Commission
68. **Dianna Hain**, Account Manager, ComEd
69. **Deidre Hansen**, External Affairs Specialist, Indiana Utility Regulatory Commission
70. **Cheri Harden**, Illinois Commerce Commission
71. **James Harmening**, Director of Cybersecurity and Risk Management, Illinois Commerce Commission
72. **Marcus Hawkins**, Executive Director, OMS
73. **Pat Hayes**, Manager of Transmission Policy, LS Power
74. **Tom Haymaker**, Manager, Energy Planning, Clark Public Utilities
75. **Cynthia Holland**, Assistant General Counsel, Exelon/Atlantic City Electric
76. **Hunter Holman**, Staff Attorney, Utah Clean Energy
77. **Harry Holtz**, Managing Director, ALPHATEAM INC
78. **Tyler Huebner**, Commissioner, Public Service Commission of Wisconsin
79. **Dennis Jackson**, Business Analyst, The Manitoba Hydro Electric Board
80. **Diana James**, Regulatory Consl, SWEPCO
81. **Jason James**, Assistant Attorney General, Illinois Attorney General Office
82. **Brian Jeng**, MBA Student, Kellogg School of Management, Northwestern University

83. **Steve Johnson**, President AllianceSTL, Greater St. Louis Inc.
84. **Meredith Jones**, Senior Utility Analyst, IN Utility Regulatory Commission
85. **Philip Jones**, Executive Director, Alliance for Transportation Electrification (ATE)
86. **Arthur Justice**, Vice-President of Energy and Sustainability, Cinemark USA
87. **Michael Kagan**, SVP, CEA
88. **Christopher Kennedy**, Partner, Whitt Sturtevant LLP
89. **Lynne Kiesling**, Co-Director, Institute for Regulatory Law & Economics, Carnegie Mellon University
90. **Steve Kiesner**, Senior Director, National Markets, EEI
91. **Nathan Kimball**, UPS
92. **Stacey Kirsch**, Technical Analyst, Wyoming Public Service Commission
93. **Mark Klein**, Broad Reach Power LLC, Broad Reach Power LLC
94. **Joshua Kmiec**, Director, ScottMadden, Inc.
95. **Vanessa Knapp**, Media & Community Affairs Coordinator, Illinois Commerce Commission
96. **Steven Knepler**, Accountant, Illinois Commerce Commission
97. **Elizabeth Kocs**, Director, UIC Energy Initiative
98. **Jason Kornetzke**, Student, Kellogg School of Management, Northwestern University
99. **Phil Kosanovich**, General Counsel and Ethics Officer, Illinois Commerce Commission
100. **Sarah Kraker**, Principal, Strategy, Constellation
101. **Glenn Krassen**, General Counsel, Northeast Ohio Public Energy Council
102. **Lorenzo Kristov**, Principal, Electric System Policy
103. **Alex Kronauer**, Senior Manager, Energy Services, Walmart
104. **Clay Layson**, Assistant Attorney General, Attorney General of Arkansas
105. **Wei Chen Lin**, Policy Advisor - Cybersecurity & Risk Management, Illinois Commerce Commission
106. **Shelby Linton Keddle**, Sr. Director, State Energy and Regulatory Policy, Edison Electric Institute
107. **Paul Lupo**, Bureau Chief, NJBPU
108. **Ivy Lyn**, Director, State Regulatory Affairs, Edison Electric Institute
109. **CJ Manthe**, Commissioner, Public Utilities Commission of Nevada
110. **Sophia Markowska**, Market Associate, Illinois Commerce Commission
111. **Chris Martel**, Regulatory Consultant, SWEPSCO
112. **James Martin**, Student, Kellogg School of Management, Northwestern University
113. **Jessica Matthys** Student, Kellogg School of Management, Northwestern University
114. **Andrea Maucher**, Public Utility Analyst, Delaware Division of the Public Advocate
115. **Daryl Maxwell**, Hydro Interconnections Dept Manager, MB Hydro
116. **Janna McCardel**, Analyst, IURC

117. **Sherry McCormack**, Manager, Energy Efficiency & Consumer Programs, Southwestern Electric Power Co.
118. **Katharine McCormick**, Illinois Commerce Commission
119. **Kathleen McDonnell**, Administrative Assistant, California Energy Commission
120. **Scott McKeen**, National Account Manager, Southern Company
121. **Kytson McNeil**, Policy Manager, Maryland Energy Administration
122. **Robert Meredith**, Director, Pricing/COS, PacifiCorp
123. **Jacob Miller**, Regulatory Consultant, American Electric Power
124. **Jill Miller**, Marketing Manager, Ameren
125. **John Miller**, Energy Industry Analyst, Federal Energy Regulatory Commission
126. **David Moeller**, Attorney, Minnesota Power
127. **Martin Montes**, VP of Large Customer Services, Com Ed
128. **Jane Montgomery**, Partner, Schiff Hardin LLP
129. **Sonia Morgan**, Rate Manager, AEP
130. **Jeff Morris**, Schneider Electric North America, Schneider Electric North America
131. **Jennifer Morris**, Economist, Illinois Commerce Commission
132. **Tony Muger**, Economic Analysts, Illinois Commerce Commission
133. **Chris Murauski**, Rail Safety Specialist, Illinois Commerce Commission
134. **Daniel Nilsson Sjolander**, MBA Candidate, Kellogg School of Management, Northwestern University
135. **Kenneth Nishimura**, MBA Candidate, Kellogg School of Management, Northwestern University
136. **Liam Noailles**, Manager, Federal Regulatory Affairs, Xcel Energy Inc.
137. **Stacy Nowak**, IURC
138. **David Ober**, Commissioner, Indiana Utility Regulatory Commission
139. **Erin O'Connell-Diaz**, President, FutureFWD, Inc.
140. **Christopher Oprysk**, Environmental Engineer, NJ BPU
141. **Nikodem Pancewicz**, Student, Northwestern Pritzker School of Law
142. **Katie Papadimitriou**, Deputy Executive Director – Policy, ICC
143. **Rushi Patel**, Analyst, MetroPlex Energy
144. **Phalguni Pathak**, Business Analyst, The Manitoba Hydro Electric Board
145. **Matt Pawlowski**, Executive Director - Bus Mgmt and Reg Affairs, NextEra Energy Resources, LLC
146. **Audrey Penner**, Market Access, Manitoba Hydro
147. **Lisa Perry**, Senior Manager, Energy, Walmart Inc.
148. **Jan Peters**, Contract Analyst, Manitoba Hydro
149. **Christopher Petrie**, Chairman, Wyoming Public Service Commission
150. **Kerri Phillips**, Counsel/Hearing Officer, MA Department of Public Utilities

151. **Tremaine Phillips**, Commissioner, Michigan Public Service Commission
152. **Sarah Plotkin**, Senior Program Owner, Target
153. **Kristen Pogozelski**, Product Manager, NRG Energy
154. **Tetyana Rabczak**, Chairman Advisor, Illinois Commerce Commission
155. **Kristine Raper**, Commissioner, Idaho PUC
156. **Jay Rasmussen**, RTO Activities Manager, Duke Energy
157. **John Ratnaswamy**, Member, The Law Office of John Ratnaswamy, LLC
158. **Pamela Ritger**, Staff Attorney & Milwaukee Program Director, Clean Wisconsin
159. **Jack Roback**, Student, Kellogg School of Management, Northwestern University
160. **Jeanine Robinson**, Director of Diversity and Community Affairs, Illinois Commerce Commission
161. **Michael Robinson**, Deputy Chairman, Wyoming Public Service Commission
162. **Curtis Sanders**, Rate Analyst, Illinois Commerce Commission
163. **Jamie Saunders**, Deputy Director, Division of Energy, NJ BPU
164. **Karyn Scanlon**, Manager Wholesale Power Marketing, Manitoba Hydro
165. **Mary Schroeder**, Principal, Stephenson Schroeder Ltd
166. **Jeremy Schwartz**, Senior Pricing Analyst, OGE Energy Corp
167. **Doug Scott**, Vice President, Electricity and Efficiency, Great Plains Institute
168. **Scott Seigal**, Hearing Officer, MA Department of Public Utilities
169. **Loraine Seyfried**, ALJ, Indiana Utility Regulatory Commission
170. **Katie Sieben**, Chair, MN Public Utilities Commission
171. **Kevin Siebert**, Accountant, Illinois Commerce Commission
172. **Jay Skabo**, VP Elec Supply, MDU
173. **Matthew L. Spitzer**, Director and Professor of Law, Northwestern Center on Law, Business, and Economics, Northwestern Pritzker School of Law
174. **Elizabeth Stephens**, Regulatory Consultant, AEP/SWEPCO
175. **Brandin Stoesz**, Analyst, Manitoba Hydro
176. **Scott Struck**, Assistant Director, Financial Analysis Division, Illinois Commerce Commission
177. **Gaye Suggett**, Manager Regulatory Affairs, Ameren Missouri
178. **Alexis Sulentic**, Manager, State Energy & Regulatory Policy, EEI
179. **Bryan Surdy**, Manager Cust. Acct. Chicago North, ComEd
180. **Pam Temte**, Senior Economic Analyst, WPSC
181. **Jeff Thigpen**, Alt Energy Resource Mgr, AEP-SWEPCO
182. **Scott Traweek**, Manager, Corporate Customer Outreach, Edison Electric Institute
183. **Dianna Trost**, Accountant, Illinois Commerce Commission
184. **Brian Tulloh**, Executive Director, External Affairs North Region, MISO
185. **Darian Unruh**, Indiana Utility Regulatory Commission

186. **David Veleta**, Senior ALJ, IURC
187. **Nikhil Vijaykar**, Staff Attorney, Environmental Law & Policy Center
188. **Julie Voeck**, Senior Director, Legislative and Regulatory Affairs, NextEra Energy Resources
189. **William Wai**, Manager of Pricing, OG&E
190. **Julie Volpe Walker**, Principal Engineer, AEP Ohio
191. **Rachelle Whitacre**, Director, Regulatory Affairs, Southern Company Gas
192. **Stephen Williams**, Owner, Specified Solutions
193. **Dave Wilms**, Owner, Advance Renewables
194. **Karen Willms**, Renewable Energy Lead, The Manitoba Hydro Electric Board
195. **Lisa Wood**, VP, Edison Electric Institute
196. **Matthew Wurst**, Adviser to the Chair, Pennsylvania PUC
197. **Michelle Zaccagnino**, Manager, State Regulatory Policy, Edison Electric Institute