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- CALSTART
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- Minnesota Division of Energy Resources
- Minnesota Public Utilities Commission
- MISO
- Rakon Energy LLC
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- Xcel Energy

*The Eleventh Annual Conference on*

# Renewable Energy in the Midwest

Planning and implementing a transition to  
100 percent carbon free energy

**October 17 & 18, 2019**

**Minneapolis, Minnesota  
U.S. Bank Plaza Building**

Audio & Video  
Replays Available!

Credits: 12.00 MN CLE (call about others)

**Quick when/where:** 8:30 a.m., 200 South Sixth Street

**Renewable Energy in the Midwest Conference**  
October 17 & 18, 2019 | Minneapolis, Minnesota  
U.S. Bank Plaza Building

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- Audio Replay     Video Replay     Course Materials



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8:00 Registration Opens

8:30 Introduction & Overview

Erik E. Malinowski, Esq., Program Co-Chair  
Fredrikson & Byron ~ Minneapolis, MN

Sarah Johnson Phillips, Esq., Program Co-Chair  
Stoel Rives ~ Minneapolis, MN

8:45 Federal Energy Update

Key developments at the FERC, DOE, and EPA; legislative politics, and in the Courts that impact renewable energy development

Harvey L. Reiter, Esq.  
Stinson Leonard Street ~ Washington, DC

Brian M. Meloy, Esq.  
Stinson Leonard Street ~ Minneapolis, MN

9:30 Special Address: State Legislative and Regulatory Policy Initiatives in the Midwest

Overview of what has been happening in the legislatures and at the administrative agencies

Joseph Sullivan, Deputy Commissioner  
Minnesota Division of Energy Resources ~ Saint Paul, MN

10:15 Break

10:30 Regional Transmission and Coordination of Markets as the Midwest Transitions to Greater Reliance on Renewables

MISO's planning for transmission, generation, and storage to ensure system reliability, enable market efficiency, and meet state and federal energy policies

Vikram Godbole, Director of Resource Planning  
MISO ~ Carmel, IN

Economic analysis: Distributed Energy Resource integration in MISO; implications for regional load forecasting; national trends in resolution of cost recovery issues

Derya Eryilmaz, Ph.D., Associate Principal  
Charles River Associates ~ Boston, MA

Interconnection contracts: Current policy developments, contract sticking points, and resolution trends; strategies for addressing the large number of applicants in the queue

Lindsey A. Remakel, Esq.  
Fredrikson & Byron ~ Minneapolis, MN

12:15 Lunch (on your own)

1:30 Energy Storage: Major New Developments Creating New Opportunities

Short-term time shifts: The latest developments in battery storage, including flow batteries as an alternative to lithium

Allen P. Gleckner, Esq., Director, Energy Markets  
Fresh Energy ~ Saint Paul, MN

Hydrogen storage for longer-term time shifts and multi-sector use: How pricing drops from at-scale deployments in Europe are making hydrogen from electrolysis a viable solution to avoid the need to curtail variable wind and solar

Rao Konidena, Principal  
Rakon Energy LLC ~ Roseville, MN

Hydrogen fuel cells for transportation: Case study of Stark Area Regional Transit Authority's study and preparation of a Hydrogen Roadmap for the U.S. Midwest Region

Steven Sokolsky, Program Manager  
CALSTART ~ Madison, WI

3:15 Break

3:30 Special Address: Xcel Energy's Decision to Undertake a Leadership Role in the Transition to 100 Percent Renewable Energy

The range of issues considered including customer and policy preferences, long term resource planning, short term procurement, and project implementation

Christopher B. Clark, Esq., President –  
Minnesota, South Dakota, and North Dakota  
Xcel Energy ~ Minneapolis, MN

4:00 A Detailed Look at Xcel's Implementation Plans

Components and timelines in Xcel's resource plan

Jonathan S. Adelman  
Area VP for Strategic Resource & Business Planning  
Xcel Energy ~ Denver, CO

Update on Xcel's pilot program for charging electric vehicles

Matthew B. Harris, Esq., Principal Attorney  
Xcel Energy ~ Minneapolis, MN

5:00 Continue the Exchange of Ideas: Reception for Faculty and Attendees

Sponsored by Fredrikson Byron and Stoel Rives



About the Conference



Our Media Sponsor

[Energy News Network](#),

a nationally recognized news publication featuring original state-based reporting, dedicated to keeping stakeholders, policymakers, and citizens informed about the important changes taking place within the transition to a clean energy economy.

While resistance persists amongst policy makers at the federal level, the Midwest renewables market continues to expand and mature. This year's program will address regional and local market coordination, utilities' enhanced role in renewable energy implementation, storage opportunities, and project siting optimization.

You'll also hear about the latest updates on federal and state-level policy affecting renewables in the Midwest and the market realities for renewable project development in the current environment in the Midwest. Special addresses by Christopher Clark, President of Xcel Energy - Minnesota, South Dakota, North Dakota, and Commissioner Dan Lipschultz of the Minnesota PUC will highlight the path and efforts toward 100% renewable energy and the state policy and utility planning challenges inherent in transitioning utilities to greater reliance upon renewable resources.

The program will conclude with a discussion of financing challenges in bringing more renewable energy projects to market in the Midwest, as well as trends in renewable energy project acquisitions. We hope you'll join us for what promises to be a very engaging and useful conversation.

~ Program Co-Chairs: Sarah Johnson Phillips, Esq. of Stoel Rives and Erik E. Malinowski, Esq. of Fredrikson & Byron



**8:30 Carbon-Free Renewable Generation and Storage in the Broader Context for Utility Resource Planning**

How do renewable project developers see the best path forward?  
**Betsy Engelking**, *Vice President of Policy and Strategy*  
Geronimo Energy ~ Edina, MN

**9:15 Large Customer Green Power Transactions**

Case study of Target’s decision to pursue 100 percent clean renewable power for its stores and best agreement practices from a customer’s perspective  
**Holly Lahd**, *Lead Energy Program Manager*  
Target Corporation ~ Minneapolis, MN

**10:00 Break**

**10:15 Energy from Renewable Biomass**

Case study of CenterPoint Energy’s proposal to introduce a renewable natural gas green tariff pilot program for its Minnesota customers  
**Nick C. Mark**  
*Manager, Conservation & Renewable Energy Policy*  
CenterPoint Energy ~ Minneapolis, MN

Opportunities for methane and hydrogen capture from landfills and agricultural sector operations  
**Brendan Jordan**, *Vice President, Transportation and Fuels*  
Great Plains Institute ~ Minneapolis, MN

**11:30 Special Address: State Policy Challenges for Greater Utility Reliance on Renewables**

Policy issues for renewables development and integration into vertically integrated utility operations: Adaptation to disruptive technologies, ratepayer participation in pilot projects, cost recovery for storage, other ratemaking issues  
**The Hon. Dan Lipschultz, Esq.**, *Vice-Chair*  
Minnesota Public Utilities Commission ~ St. Paul, MN



**12:15 Lunch (on your own)**

**1:30 Financing Challenges and Trends for Renewable Energy Projects**

New projects and upcoming cliffs for the PTC for wind and the ITC for solar: Update on tax incentives, project structure trends, and market conditions  
**Gregory F. Jenner, Esq.**  
Stoel Rives ~ Minneapolis, MN

Deal structures: The big trend toward utility ownership of renewables in the Midwest and overview of build-own-transfer deal structures  
**Kurt R. Rempe, Esq.**  
Fredrikson & Byron ~ Minneapolis, MN

A financeable Power Purchase Agreement (PPA) as an essential prerequisite for obtaining financing: Market trends and tips for working with developers and incumbent companies to find effective solutions  
**Justin D. Markell, Esq.**  
Winthrop & Weinstine ~ Minneapolis, MN

**3:30 Evaluations and Adjourn**

**Related Programs & Replays:**

Electric Power in the Southwest	July 15-16, 2019	Santa Fe
Natural Resource Damages	July 18-19, 2019	Santa Fe
California’s Transition to Clean Energy	September 23-24, 2019	San Francisco
Transportation and Carbon Reduction	October 30, 2019	Los Angeles
Energy Storage	June 13-14, 2019	Seattle

See more at [www.lawseminars.com](http://www.lawseminars.com)



**Registration & Other Conference Information**

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Call us at: 206-567-4490  
Fax the registration form to us at: 206-567-5058  
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Online: www.lawseminars.com  
Mail the registration form on the front page.  
Walk-ins are welcome, subject to space availability.  
Registration is complete when we receive payment or agree to later payment.

**Tuition:** Regular tuition for this program is \$1145 with a group rate of \$1030 each for two or more registrants from the same firm. For government employees, we offer a special rate of \$860. For students, people in their job for less than a year, and public interest NGO’s, our rate is \$572.50. All rates include admission to all program sessions, food and beverages at breaks, and all course materials. Materials will be available for download and review a few days before the program. Make checks payable to Law Seminars International. Financial aid is available to those who qualify. Contact our office for more information.

**Substitution & Cancellation:** You may substitute another person at any time. We will refund tuition, less a \$50 cancellation fee, if we receive your cancellation by 5:00 p.m. on Friday, October 11, 2019. After that time, we will credit your tuition toward attendance at another program or the purchase of an audio or video replay.

**Location:** The conference will be held at the U.S. Bank Plaza Building at 200 South Sixth Street in Minneapolis, MN. Our thanks to Fredrikson & Byron for graciously hosting this event.

**Continuing Education Credits:** Live credits: This program qualifies for 12.00 Minnesota MCLE credits. Upon request, we will apply for, or help you apply for, CLE credits in other states and other types of credits.  
**Time Shift Your Content:** Audio podcasts and video replays, with course materials, are available at the same price as live attendance. The course materials alone are available for \$100. Replays will be available within three business days after the program or from the date we receive payment.

**Faculty: Renewable Energy in the Midwest Conference**



**Sarah Johnson Phillips, Program Co-Chair**, is a partner in the Energy Development practice group at Stoel Rives. She has particular experience working on distributed solar and community-shared solar projects.



**Erik E. Malinowski, Program Co-Chair**, is a Shareholder at Fredrikson & Byron. His practice focuses on assisting clients with the development and financing of renewable energy projects.



**Christopher B. Clark, Special Address**, is President - Minnesota, South Dakota, and North Dakota for Xcel Energy.



**The Hon. Dan Lipschultz, Special Address**, is Vice-Chair of the Minnesota Public Utilities Commission.



**Joseph Sullivan, Special Address**, is Deputy Commissioner for the Minnesota Division of Energy Resources at the Minnesota Department of Commerce.

**Jonathan S. Adelman** is Area VP for Strategic Resource & Business Planning at Xcel Energy. He is responsible for coordinating the overall resource planning process, including meeting all long-term generation capacity needs.



**Betsy Engelking** is Vice President of Policy and Strategy at Geronimo Energy. Previously, she was Director of Resource Planning for Xcel Energy, where she developed and implemented long-range power supply plans.



**Derya Eryilmaz, Ph.D.**, is Associate Principal in the Energy Practice at Charles River Associates. She specializes in applied economic analysis of the energy sector.



**Allen P. Gleckner** is Director, Energy Markets for Fresh Energy. He oversees Fresh Energy's work related to decarbonizing our electricity system.

**Vikram Godbole** is the Director of Resource Planning for the Midcontinent Independent System Operator (MISO).

**Matthew B. Harris** is Principal Attorney at Xcel Energy.



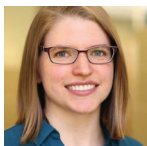
**Gregory F. Jenner** is a Partner at Stoel Rives. A past co-chair of the firm's energy team, he has broad experience in virtually all federal tax matters.



**Brendan Jordan** is Vice President for Transportation and Fuels Programs at Great Plains Institute.



**Rao Konidena** is a Principal at Rakon Energy LLC, which is a consultancy focusing on wholesale energy markets. He has provided policy expertise in Energy Storage on FERC Order 841.



**Holly Lahd** is Lead Energy Program Manager for Target Corporation. She formerly worked as a consultant for sustainable procurement and as Energy Markets Director for Fresh Energy.

**Nick C. Mark** is Manager for Conservation & Renewable Energy Policy at CenterPoint Energy.



**Justin D. Markell**, Winthrop & Weinstine, was a project developer for one of the world's largest independent renewable energy companies before becoming a lawyer.



**Brian M. Meloy** is a partner at Stinson Leonard Street. He focuses on energy transactions and regulatory matters before the FERC and state utility commissions.



**Harvey L. Reiter** is a partner at Stinson Leonard Street. He concentrates on proceedings before FERC and the federal courts involving the competitive restructuring of the natural gas and electric utility industries.



**Lindsey A. Remakel** is a shareholder at Fredrikson & Byron. She provides regulatory counsel to clients regarding environmental matters, project permitting, generator interconnection, and compliance under federal energy laws.



**Kurt R. Rempe**, Fredrikson & Byron, advises clients on tax, regulatory, and commercial issues related to the development, financing, purchase and sale of energy projects.



**Steven Sokolsky** is a Program Manager at CALSTART, based in Madison, Wisconsin. He manages several of CALSTART's projects to deploy low- and zero-emission transit buses and led the development of a best practices guide for hydrogen fueling infrastructure for transit agencies.

**October 17 & 18, 2019**  
 Minneapolis, Minnesota

**U.S. Bank Plaza Building**  
 200 South Sixth Street  
 (612) 492-7000

**Who Should Attend:**

*Attorneys, industry executives, governmental officials, Tribal representatives, consumer advocates, and anyone involved with renewable energy infrastructure investment, public policy, and resource development.*

**You Will Learn About:**

- Federal energy update at the administrative level and in the Congress and courts
- State legislative and regulatory policy initiatives in the Midwest
- Regional transmission and coordination of markets
- Major new developments for energy storage
- Xcel Energy's transition to 100 percent renewable energy
- Xcel's pilot program for charging electric vehicles
- The path to carbon-free renewable generation for project developers
- Energy from renewable biomass
- Policy issues for renewables development and integration into vertically integrated utility operations
- Financing challenges and trends for renewable energy projects

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