

DECEMBER 5, 2022



**NARUC ANNUAL MEETING
NOVEMBER 12-17, 2022 NEW ORLEANS**

TRAVEL REPORT

December 5, 2022

NARUC RECAP

Attached is the recap summary AGENDA for the National Association of Regulated Utilities Commissions held in New Orleans November 12-17, 2022.

Guam PUC is an active member of NARUC

AND I, Peter Montinola Commissioner and Vice Chair of the Guam PUC, attended said meeting.

The meeting was both the Annual Meeting of Commissioners and Education Conference.

This years theme was Connecting the DOTS, Innovative/ Disruptive Technology and Regulation

Meetings consisted of committees and sub-committees on topics such as Electricity, Gas, Solar, Water and Telecom.

Key Topics were on IRA (Inflation reduction Act) and how to capitalize on federal grants. Supply chain challenges and Price of Oil. Sustainability and Renewables. Future planning of rapid EV charges and the impact on your power plants.

Overall, the meeting was productive and Guam participated as an active member.

Sincerely,



 Verified by pdfFiller
12/05/2022

Peter Montinola - Guam PUC Commssioner



2022 NARUC Annual Meeting and Education Conference
CONNECTING THE DOTS
Innovative/Disruptive Technology and Regulation
NOVEMBER 13-16, 2022 • NEW ORLEANS, LOUISIANA

Agenda

Filter by Topic

Saturday, November 12, 2022

1:00 p.m.-3:00 p.m.

Subcommittee on Education and Research

| Room: Balcony K-4th Floor

3:30 p.m.-5:00 p.m.

Executive Committee

| Room: Balcony J-4th Floor

(Closed Meeting)

Sunday, November 13, 2022

Registration open 11:00 a.m.-6:00 p.m.

Registration Room: Acadia Grand Ballroom - 3rd Floor

Sessions are open to all attendees unless marked as "Closed Meeting"

10:00 a.m.-11:00 a.m.

S.S. on Consumers and the Public Interest

S.S. on ERE

| Room: Mardi Gras A-D - 3rd Floor

(Joint Meeting)

Federal Funding for Energy Justice Has Arrived! Everything You Need to Know to Ensure Consumers Receive the Benefits

During his first week in office, President Joe Biden issued an Executive Order establishing the Justice40 initiative, directing 40 percent of the overall benefits of certain federal investments to flow to historically disadvantaged communities. With the passage of the Inflation Reduction Act and the Bipartisan Infrastructure Law, there are a wide number of new programs and incentives in line with the Justice40 Initiative, many of which are directly applicable to consumers, states, and utility commissions. This panel how the Department of Energy is implementing Justice40 in its Funding Opportunity Announcements, and ways that consumers, clean energy companies, government/non-profit organizations, and utilities can leverage this federal funding to bolster their existing and planned clean energy programs to reach historically disadvantaged communities.

Moderator: Sachu Constantine, Executive Director of Vote Solar

Panelists:

Suzanne Leta, Senior Director, Head of Policy and Strategy, Sunpower

Chris Gunn, Special Advisor on Grid Innovation and Justice, U.S. Department of Energy

S.S. on Telecommunications

| Room: La Galerie 3 - 2nd Floor

Staff Subcommittee on Telecommunications - Business Meeting & Resolutions

Staff Subcommittee on Telecommunications

Joe Witmer, Pennsylvania, Staff Chair

Greg Doyle, Minnesota, Staff Vice-Chair

Sunday November 13, 2022

10:00 A.M. – 12:15 P.M.

10:00 a.m. – 11:00 a.m. Staff Subcommittee Roundup and Resolutions

10:00 a.m. – 10:30 a.m. State Roundup (Closed)

10:30 a.m. – 11:00 a.m. Resolutions (Open)

11:00 a.m.-11:15 a.m.

Ragin Cajun Coffee Break

| Room: Acadia Grand Ballroom

11:15 a.m.-12:15 p.m.

S.S. on Critical Infrastructure

| Room: Mardi Gras E-H - 3rd Floor

(Closed Meeting)

This is a closed meeting. Staff Sub-Committee members only.

S.S. on Rate Design

| Room: Mardi Gras A-D - 3rd Floor

Aligning Rate Design with Flexible Demand Needs

Aligning Rate Design with Flexible Demand Needs

Flexible demand is becoming increasingly important as the fleet of variable generation resources grow on bulk systems and the variability of demand grows on distribution systems as electrification and distributed energy resource growth accelerates. The quantity of flexible demand has been forecasted to have a potential in excess of 20 percent of peak demand but the growth of flexible demand is still in early stages. Utility and third-party investments in advanced grid technologies will help grow flexible demand but rate design reform will also be required if flexible demand is to reach its full potential. This panel will discuss recent work sponsored by NARUC to explore flexible demand potential and a discussion by the Energy Systems Integration Group (ESIG) regarding the link between rate design and electricity grid needs.

Moderator: Jamie Barber, Director Energy Efficiency and Renewable Energy Unit, Georgia Public Service Commission

Panelists:

Debbie Lew, Associate Director, ESIG

Elliott Nethercutt, Principal Regulatory Policy Specialist, NARUC

Dr. Sanem Sergici, Principal, Brattle Group

S.S. on Telecommunications

| Room: La Galerie 3 - 2nd Floor

Staff Subcommittee on Telecommunications: Affordable Connectivity Fund Panel (Open)

The Affordable Connectivity Program – What is it, Who Is Doing It, When does it end, Where is the Focus, Why does it Matter, and How's It Going So Far?

The Affordable Connectivity Program (ACP) has launched. The ACP is a multibillion dollar program aimed at providing support for eligible consumers to buy broadband service and get the equipment needed to get broadband service. The ACP has now launched in all 50 states, territories, and the District of Columbia. Unlike the Lifeline program with its traditional Eligible Telecommunications Carrier (ETC) designation, the ACP includes providers not traditionally ETCs. Like the ETC providers, there are likely going to be issues that concern consumers. This panel examines the experience of providers, local government officials, and consumers on the challenges and issues to date and going forward.

Moderator: Joe Witmer, Pennsylvania

Panelists:

David Avila, TracFone Wireless/Benjamin Aron, CTIA - Confirmed

Steven Morris, VP and Deputy General Counsel, NCTA - Confirmed

Llana Lowery, Common Sense Media, Arizona Director; National Digital Inclusion Alliance

(Member)- Confirmed

Catherine M. Sandoval, Professor, Santa Clara University School of Law, Santa Clara, CA and Commission - Confirmed

Former Commissioner, California Public Utility

S.S. on Water

| Room: La Galerie 2 - 2nd Floor

Staff Subcommittee on Water Business Meeting

1. Welcome and Introductions
 - o Krystle Sacavage, Chair
2. Association Updates
 - o NASUCA
3. Water Committee Support

- Website "resource page"
- Other ideas for support

4. State Member Updates

- Shaun Sparks, PA – Hydro-Power "Teaser"
- Open state issue discussion

5. Other Business

Washington Action

| Room: Studio 1 - 2nd Floor

(Closed Meeting)

12:15 p.m.-1:15 p.m.

Lunch on Your Own

1:30 p.m.-2:30 p.m.

S.S. on Electric Reliability and Resilience

| Room: Mardi Gras A-D - 3rd Floor

Update from NERC on the 2022 Winter Reliability Assessment

The Staff Subcommittee on Electric Reliability and Resilience will meet to hear from the North American Electric Reliability Corporation (NERC) regarding its forthcoming 2022 Winter Reliability Assessment.

Moderator: Claire Eubanks, Engineering Manager, Missouri Public Service Commission | co-chair of the Staff Subcommittee on Electric Reliability & Resilience

Speaker: Fritz Hirst, Director - Legislative & Regulatory Affairs, NERC

Updates from NARUC Staff:

William McCurry, Senior Technical Program Officer, NARUC Center for Partnerships & Innovation

S.S. on Gas

| Room: La Galerie 3 - 2nd Floor

Resilience in the Face of Critical Events

Consumers are accustomed to on-demand energy delivery. The panel will address how the natural gas industry ensures the resilience of its systems, and what regulators and policy makers can learn from the process.

Moderator: Andreas Thanos, Gas Policy Specialist, Massachusetts Department of Public Utilities

Panelists:

Juan Alvarado, Director of Energy Analysis, American Gas Association

Sean Smillie, Researcher, Carnegie Mellon University

Gary Smith, Director - Regulatory Affairs, Atmos Energy

Sub./S.S. on Nuclear Issues

| Room: La Galerie 2 - 2nd Floor

(Closed Meeting)

Business Meeting (closed)

Open to Subcommittee and Staff Subcommittee on Nuclear Issues - Waste Disposal only

Agenda:

1. Welcome and update on Plant Vogtle - Vice Chair Tim Echols, Georgia
2. U.S. Department of Energy update - Billy Valderrama, Senior Advisor, Office of Nuclear Energy
3. DOE-NARUC Nuclear Energy Partnership update - NARUC staff
4. Nuclear Energy Institute update - Kristy Hartman
5. Nuclear Waste Strategy Coalition update - Katrina McMurrian
6. Commission roundtable - discussion of important nuclear issues by state

Sub./S.S. on Pipeline Safety

| Room: Mardi Gras E-H - 3rd Floor

(Closed Meeting)

S.S. on Regulatory and Industry Diversity

| Room: Studio 1 - 2nd Floor

1:30 p.m.-3:00 p.m.

New Commissioners Forum

| Room: Studio 10 - 2nd Floor

For New Commissioners only!

2:30 p.m.-2:45 p.m.

Ragin Cajun Coffee Break

| Room: Acadia Grand Ballroom

2:45 p.m.-3:45 p.m.

Sub./S.S. on Clean Coal and Carbon Management

| Room: La Galerie 2 - 2nd Floor

Catching CO2 in the Big Easy and Beyond & Coal Retirements / EPA Regulatory Update

Moderator: Hon. Ellen Nowak, Wisconsin

The Gulf Coast offers favorable geologic and man-made infrastructure for carbon capture, utilization for enhanced oil recovery and other uses, and storage (CCUS) projects. With substantial oil and gas production and refining facilities, pipeline infrastructure, and on-shore and off-shore sequestration opportunities, as well as numerous coal-fired power plants and a highly energy-intensive industrial complex, the region is a target-rich environment for the CCUS projects that can help decarbonize the power and industrial sectors.

This Subcommittee / Staff Subcommittee on Clean Coal and Carbon Management meeting will feature a presentation from **Dan Cole**, VP CCUS Commercial & Government Relations at Denbury Inc., a leading CCUS developer. Mr. Cole will share the reasons why Denbury is investing shareholder dollars in CCUS, the challenges he and his colleagues and partners are encountering as they aim to bring these projects from concept to reality, and recommendations for federal and state policymakers and regulators to facilitate the deployment of CCUS to benefit ratepayers, the environment, and the economy. This presentation will shine a light on major factors in the investment decision-making process and the impacts of CCUS on energy production and decarbonization.

Following Mr. Cole's presentation, America's Power President and CEO **Michelle Bloodworth** will provide an update on the retirement outlook for the coal-fired power fleet and anticipated U.S. Environmental Protection Agency rules and actions impacting the energy sector.

Both speakers will be available for Q&A and further discussion with Subcommittee and Staff Subcommittee members.

S.S. on Electricity

| Room: Off Site Tour

Staff Subcommittee Offsite Microgrid Tour, supported by Enchanted Rock/Walmart

Contact: Addison Jump (ajump@enchantedrock.com), (713) 458-0195

S.S. on Gas

| Room: La Galerie 3 - 2nd Floor

Investor Expectations and Natural Gas

Recent events have brought back the question of whether financial organizations continue investing in natural gas. Globally, as a result of geopolitical events, nations and private companies have increased their investments in natural gas, from production to distribution. The panel will discuss what investors are looking for and how such investments ensure the reliability and resilience of our natural gas infrastructure.

Moderator: Hon. Diane X. Burman, New York

Panelists:

Karen A. Harbert, President and CEO, American Gas Association

Kristine Klavers, Managing Director, EcoEngineers

Phillip R. May, President and CEO, Entergy Louisiana

Sub./S.S. on Pipeline Safety

| Room: Mardi Gras E-H - 3rd Floor

(Closed Meeting)

3:00 p.m.-5:00 p.m.

S.S. on Executive Management

S.S. on Information Services

| Room: Studio 10 - 2nd Floor

(Joint Meeting)

Data...Your Other Renewable Resource

The domains of Operational Technology (OT), Information Technology (IT) and the Internet of Things (IoT) make it possible to connect people, process, machines, products, and customers. What flows through these domains is data. Learn how connected data can be used to improve efficiency, reduce costs, predict, and avoid adverse events, accelerate compliance, and increase customer satisfaction.

Presenter:

Gordon MacMaster, Info-Tech Research Group

Case Management Systems

Explore Valence, a full featured regulatory Case Management application which includes a financials package, business workflows, a document repository, E-filing, E-payment, order generation templates, compliance tracking and much more. Valence also includes a registration system utilized by Transportation and Utilities divisions to track your regulated entities which all tie in seamlessly.

Presenters:

Brent LeBlanc, Former CIO of Louisiana PSC

Scott Dorger, President, Dorger Software Architects

Aaron Bonds, Project Manager, Dorger Software Architects

3:45 p.m.-4:00 p.m.

Ragin Cajun Coffee Break

| Room: Acadia Grand Ballroom

4:00 p.m.-5:00 p.m.

Committee on International Relations

| Room: La Galerie 3 - 2nd Floor

International Relations Committee

4:00 pm Welcome & Business by Chair Nowak
Roll Call/Sign-In sheet

4:10 pm NARUC International Programs Update
Hon. Ellen Nowak, Wisconsin

4:20 pm **Discussion by Committee Members and Staff on their Experience with International Programs/Travels**

Facilitator: Hon. Ellen Nowak, Wisconsin

4:40 pm Current Regulatory Issues in Canada, Hon. David Morton, British Columbia

Current Regulatory Issues in Guam, Hon. Peter Montinola, Guam

4:50 pm Closing Remarks & Next Meeting

Select Committee on Regulatory and Industry Diversity

| Room: Mardi Gras A-D - 3rd Floor

From Intern to C-Suite: How Diversity, Equity & Inclusion Impacts Us All

This panel will explore how energy stakeholders are changing from many perspectives: gender, racial, generational, and culturally as we together enter a post-pandemic world. Audience will learn how small, everyday actions and experiences shape our thinking and actions. 1. Setting the stage – where are you/ what is happening with energy-related associations and companies? 2. How is the energy workforce changing and why? 3. How do these developments impact state regulators, especially during a time of energy transformation?

Moderator: Hon. Judith Williams Jagdmann, Virginia, NARUC President

Panelists:

Deanna Rodriguez, CEO of Entergy New Orleans

Gil Quinones, CEO, Commonwealth Edison

Constance Thompson, Vice President, Diversity, Equity, and Inclusion Programs, ACORE

Sub./S.S. on Pipeline Safety

| Room: Mardi Gras E-H - 3rd Floor

(Closed Meeting)

5:00 p.m.-6:30 p.m.

Welcome Reception - Acadia Ballroom - 3rd Floor

Monday, November 14, 2022

Registration open 8:30 a.m.-4:00 p.m.

Registration Room: Acadia Grand Ballroom - 3rd Floor

8:00 a.m.-9:15 a.m.

Commission Chairs Council Breakfast

| Room: Studio 10 - 2nd Floor

For State Commission Chairs

8:00 a.m.-9:30 a.m.

Big Easy Breakfast

| Room: Acadia Grand Ballroom

8:00 a.m.-10:00 a.m.

Open to all NARUC Annual Meeting attendees who pre-register below

| Room: Balcony I-M - 4th Floor

Please use this link to register (<https://maxxwww.naruc.org/forms/meeting/MeetingFormPublic/view?id=11048F00000077>) for the Emerging Technologies Showcase.

Committee on Critical Infrastructure: Emerging Technologies Showcase

NARUC will provide an opportunity for its members to experience first-hand demonstrations of new and emerging technology solutions to resilience planning, emergency preparedness & response, and recovery challenges in the energy sector. The purpose and intent of demonstrating such technologies provides necessary information for state public utility commissions to apply when assessing utilities' resilience plans and weighing the value of utility resilience technology investments to ratepayers.

Open to all NARUC Annual Meeting attendees who pre-register below.

Please use this link to register for the Emerging Technologies Showcase: <https://maxxwww.naruc.org/forms/meeting/MeetingFormPublic/view?id=11048F00000077> ([https://urldefense.com/v3/_https://maxxwww.naruc.org/forms/meeting/MeetingFormPublic/view?id=11048F00000077_!!EErPFA7f--AJOW!CzUx1zej-Fy08_ZC2C9oyjC3CuWMIbJVRgO4mUdIApXvZ1IdUjLGIHnx2dAweV1-TXgu0kiwc1D_4CcMc31-s1q9\\$](https://urldefense.com/v3/_https://maxxwww.naruc.org/forms/meeting/MeetingFormPublic/view?id=11048F00000077_!!EErPFA7f--AJOW!CzUx1zej-Fy08_ZC2C9oyjC3CuWMIbJVRgO4mUdIApXvZ1IdUjLGIHnx2dAweV1-TXgu0kiwc1D_4CcMc31-s1q9$)).

8:00 a.m.-12:00 p.m.

S.S. on Pipeline Safety

| Room: Jackson- 4th Floor

(Closed Meeting)

9:30 a.m.-10:30 a.m.

Committee on Consumers and the Public Interest

| Room: Mardi Gras A-D - 3rd Floor

Business Meeting

The Committee on Consumers and the Public Interest will be joined by FERC Commissioner James Danly. Other agenda items may be added.

Committee on Energy Resources and the Environment

| Room: Mardi Gras E-H - 3rd Floor

Business Meeting

Welcome and Introductions - Hon. Abigail Anthony, Rhode Island

Resolution on the Urgency of Preparing for Widespread Transportation Electrification- Hon. Michael Richard, Maryland

Commissioner Roundtable

Facilitator: Hon. Eric Blank, Colorado

Prompt: Most, if not all, states are expecting to be faced with a notable winter heating fuel price increase. Is this concern keeping you up at night? Has your state made any plans to attempt to mitigate the rate impact? Are your utilities informing and educating their customers on the expected bill impacts? Share with fellow ERE Commissioners what's on your mind.

Center for Partnerships and Innovation Update - Danielle Sass Brynnett, Director

10:30 a.m.-11:00 a.m.

Ragin Cajun Coffee Break

| Room: Acadia Grand Ballroom - 3rd Floor

11:00 a.m.-12:00 a.m.

Committee on Electricity

| Room: Mardi Gras E-H, 3rd Floor

Business Meeting

The Electricity Committee will be joined by FERC Commissioner Allison Clements. Other agenda items may be added.

Committee on Gas

| Room: Mardi Gras A-D - 3rd Floor

Business Meeting

1. Welcome from Hon. D. Ethan Kimbrel, Illinois, Chairman, Committee on Gas
2. State updates from committee members
3. Discussion of resolutions (if needed)
4. Other business

Committee on Telecommunications

| Room: La Galerie 3 - 2nd Floor

Business Meeting

1. Roll Call
2. Approval of Minutes of last meeting
3. Reports
4. Resolution Consideration
5. "THE IMPACT OF TECH COMPANIES' NETWORK INVESTMENT ON THE ECONOMICS OF BROADBAND ISPs:
Angie Kronenberg Chief Advocate and General Counsel INCOMPAS
6. Adjourn

Committee on Water

| Room: La Galerie 2 - 2nd Floor

Business Meeting

1. Welcome/Introductions
2. State Updates
3. Association Updates
 - National Association of Water Companies
 - TBD
 - National Association of Utility Consumer Advocates
 - **Karen H. Stachowski**, Senior Assistant Attorney General, Consumer Advocate Division, Office of Tennessee Attorney General and Chair of NASU-CA Water Committee
 - American Water Works Association
 - **Patrick J. Kerr**, Chair of the Board, CEO and President, Baton Rouge Water Works Company and Incoming AWWA President-Elect
4. Discussion of Resolutions
 - Customer Access to Federal and State Funded Water Programs
 - Continued Funding of Low Income Water Assistance Program
 -
5. Other Business
 - New Member Drive
 - Winter Policy Summit Meeting Working Group
 - Website Resource Page Working Group
 - Business Meeting Schedule for 2023
 - Other?

12:00 p.m.-1:30 p.m.

Lunch on Your Own

1:30 p.m.-2:45 p.m.

Opening General Session

| Room: Grand Ballroom Carondelet - 3rd Floor

Welcome to New Orleans the Honorable Eric Skrmetta, LA

Remarks by Lt. Governor of Louisiana Billy Nungesser

Welcome to NARUC Annual Meeting and Education Conference: President Judy Jagdmann, VA

Reflections on 2021-2022: President Judy Jagdmann

Election of Officers for 2022 – 2023

Nomination for President: Hon. Hon. Jack Betkoski, CT

Second for President: Hon. Ellen Nowak, WI

Nomination for 1st Vice President: Hon. Kim O'Guinn, AR

Second for 1st Vice President: Hon. Dan Scripps, MI

Nomination for 2nd Vice President: Hon. Art Graham, FL

Second for 2nd Vice President: Hon. Brad Johnson, MT

Terry Barnich Award Ceremony: Hon. Ellen Nowak, WI

In Memoriam presentation

2:45 p.m.-3:15 p.m.

Ragin Cajun Coffee Break

| Room: Acadia Grand Ballroom - 3rd Floor

3:15 p.m.-4:15 p.m.

Concurrent Session A1

| Room: Mardi Gras A-D - 3rd Floor

Making the Value of Resilience Come to Life: Lessons Learned from Connecticut's Strategic Regulatory Planning

As extreme weather events become more frequent and severe, various research institutions and regulatory bodies are exploring a critical question: How is a utility to make investments and decisions that incorporate the value of resilience? This panel looks to go beyond the theories and definitions for resilience and will instead explore what is needed for resilience concepts to come to life. What data and modeling are required to help make resilience decisions? What metrics should we be tracking over time?

Connecticut provides a unique case study into how strategic regulatory planning and purpose-built regulatory processes can drive the achievement of state-level policy goals, particularly around grid resilience. Reaching its three-year anniversary, Connecticut's Equitable Modern Grid (EMG) initiative supports several key policy objectives including enhancing customer access to a more resilient, reliable, and secure commodity. This session will provide an overview of the EMG initiative, with a deep dive into one of its concluded investigations: comprehensive electric distribution reliability and resilience framework development.

Moderator: Hon. C.J. Manthe, NV

Panelists:

Hon. Marissa Gillett, CT PURA

Mishal Thadani, CEO, Rhizome

Morgan Scott, Director – Climate READi, Sustainability & Ecosystem Stewardship, EPRI

Concurrent Session A2

| Room: La Galerie 3 - 2nd Floor

Teamwork Makes the Dream Work: Learning about Gas Decarbonization Guiding Principles

RMI and National Grid jointly convened a series of facilitated collaborative workshops with stakeholders from the non-profit and utility sectors across regions, to explore what it may take to decarbonize gas utility services and end uses, with a focus on the nation's residential and commercial buildings. As the first convening of its kind at a national scale, participants produced a shared set of guiding principles and prioritized six strategies for progress: Improving gas infrastructure planning; Designing decarbonization plans for customer and community benefit; Creating new gas utility innovation programs and funding; Evolving the gas utility business model; Achieving a deeply efficient and flexible buildings sector; and establishing low-carbon heating and fuel standards. These principles and strategies are described in a report released in October.

This panel will present the shared set of guiding principles generated by workshop participants, explore key learnings from this process, and provide discussion on how these key learnings can bolster state-level gas decarbonization planning processes in the future.

Moderator: Hon. Tammy Cordova, Nevada

Panelists: Karsten Barde, Director, US Policy & Regulatory Strategy, National Grid

Mike Hennen, Principal, Rocky Mountain Institute

Joseph Pereira, Deputy Director, Colorado DORA, Office of the Utility Consumer Advocate

Jollette Westbrook, Dir. & Senior Attorney, Environmental Defense Fund

Concurrent Session A3

| Room: La Galerie 2 - 2nd Floor

Navigating the FCC's New Broadband Map: How You can Participate in Improving the Maps

Navigating the FCC's New Broadband Map: How You can Participate in Improving the Maps

It is difficult to efficiently target unserved areas of the country if you don't know where they are. State and Federal policymakers have been frustrated for years by what everyone has conceded have been inaccurate broadband availability maps. Historically, the Federal Communications Commission (FCC) has relied on confidential and proprietary provider filings to show where voice and broadband were NOT available in the United States. The Infrastructure Investment and Jobs Act passed last year will distribute a minimum of \$100 million to each US state to distribute as grants to build broadband networks in underserved and unserved areas with a new emphasis on diversity, equity, and inclusion. The FCC's new location level broadband availability maps will play an important role in allocating broadband infrastructure funds. Currently, the FCC expects to release the first version of the maps – which will be subject to challenges and refinement in November 2022. In this session, key FCC staff from the Broadband Data Task Force will demonstrate the new maps and explain how individuals and organizations can participate in the challenge processes. Specifically, they will explain how to navigate the maps and they will discuss and answer questions on how stakeholders can provide information that demonstrates an area listed as "served" is not or that an area listed as "unserved" or "underserved" actually is.

Moderator: Hon. Tremaine Phillips, MI

Panelist: Eduard Bartholme, Deputy Bureau Chief, Consumer and Governmental Affairs Bureau and Senior Outreach Director, Broadband Data Task Force

Concurrent Session A4

| Room: Mardi Gras E-H - 3rd Floor

I've Got the Power: Unlocking the Vast Potential of Energy Storage

I've Got the Power: Unlocking the Vast Potential of Energy Storage

Integrating large amounts of storage into the grid can unlock huge opportunities: storage can serve as both generation and load and it can control the timing and amount of solar output among a suite of other grid benefits. Yet distributed storage interconnection and dissemination remains complex. Challenges in structuring interconnection procedures to facilitate efficient storage integration, anticipating energy market impacts, and planning for future grid system designs to include storage all pose barriers to its rapid integration. This panel will explore the opportunities and challenges anticipated with increased storage placement into the grid, as well as the mechanisms needed to maximize the anticipated opportunities and mitigate the anticipated challenges.

Moderator: Hon. Emile Thompson, District of Columbia

Panelist:

Jason Burwen, Vice President of Energy Storage, American Clean Power Association

Danielle Croop, Manager of Market Design, PJM Interconnection
Greg Geller, Head of USA and Canada Regulatory Affairs, Enel North America
Radina Valova, Regulatory Vice President, Interstate Renewable Energy Council

4:30 p.m.-5:15 p.m.

Regional Meetings (4th Floor Balcony Rooms)

The Balcony Rooms are located on the 4th Floor.

MARC - Balcony I
MACRUC - Balcony J
Western - Balcony K
SEARUC - Balcony L
NECPUC - Balcony N

Commissioners Emeritus Meeting

| Room: Balcony M - 4th Floor

Tuesday, November 15, 2022

Registration open 9:00 a.m.-4:00 p.m.
Registration Room: Acadia Grand Ballroom

8:00 a.m.-9:30 a.m.

Big Easy Breakfast

| Room: Acadia Grand Ballroom - 3rd Floor

8:00 a.m.-10:30 a.m.

| Room: Riverview 41st Floor

Joint Federal-State Task Force on Electric Transmission

Notice Announcing Fifth Meeting and Inviting Agenda Topics (https://www.ferc.gov/media/notice-announcing-fifth-meeting-and-inviting-agenda-topics?mc_cid=b386be7d37&mc_eid=4f45b58539)

8:00 am - 10:30 am - Open meeting. There is no fee for attendance and registration is not required.

9:30 a.m.-10:30 a.m.

Concurrent Session B1

| Room: Mardi Gras E-H - 3rd Floor

Driving IIJA, IRA, and Utility Transportation Electrification Programs in the Direction of Energy Justice

Utilities and charging companies have been installing EV chargers in utility service territories for a number of years. To date, the EV infrastructure rollout has not benefited all customers equally. Inequities include the creation of charging deserts within LMI and DAC areas, EV rebates flowing disproportionately to wealthy customers, and commercial fleet electrification benefits flowing to largely white-owned businesses.

The federal Infrastructure Investment and Jobs Act (IIJA) allocated \$5 billion in formula funding to help states install EV chargers along interstate highways. At least 50 percent of an additional \$2.5 billion competitive grant is designed to strategically deploy accessible charging infrastructure to expand access to EV charging within rural areas, low- and moderate-income neighborhoods, and communities with a low ratio of private parking spaces. The Inflation Reduction Act (IRA) will provide Americans with tax credits to purchase new and used electric vehicles and offer \$3 billion to help support access to EV charging for economically disadvantaged communities. All of these chargers will ultimately connect to distribution grids and add to the chargers that states, utilities, and charging companies will continue to install to build out the national infrastructure.

This panel will more deeply explore opportunities for federal funding that can support equitable deployment of EV infrastructure and how utilities and states can evaluate TE programs for equity and proactively engage with communities to design and deliver TE services. Attendees will learn about a collaboration among SEPA, eight leading utilities, EPRI, over 25 community-based organizations, and other stakeholders to develop a set of equity benchmarking metrics that can be used to assess equity within specific electric transportation utility program types.

Moderator: Hon. Katherine Peretick, Michigan

Panelists:

Torrey Lyons, Ph.D., U.S. Joint Office of Energy and Transportation

Yok Potts, Director, Regulatory & Business Innovation, Smart Electric Power Alliance

Jasmine McAdams, Ph.D., Student, University of California - Berkeley

Concurrent Session B2

| Room: Mardi Gras A-D - 3rd Floor

Yoga for the Distribution Grid: Demand Flexibility for Customers, Utilities, and System Stability

(Elec/ERE): Yoga for the Distribution Grid: Demand Flexibility for Customers, Utilities, and System Stability

Demand flexibility has the potential to leverage existing technical capabilities associated with residential and commercial building technologies (sensors, analytics, and smart controls) to optimize electricity use in response to prices signals and/or grid conditions. Advanced forms of demand flexibility can also reduce generator ramping needs and potentially offer grid services to address stability concerns on the distribution system. The deployment of smart technologies, combined with well-designed utility programs, can transform less-efficient homes and offices into "grid-interactive efficient buildings" (GEBs), with greater capability for providing demand flexibility, all while reducing customer and utility costs. Given growing appreciation for the important role that demand flexibility will play in achieving decarbonization goals, new models are emerging that will allow both consumers and utilities to benefit. This session will explore regulatory approaches for advancing demand flexibility in a way that addresses the interests of customers and utilities.

Moderator

Hon. Matt Schuenger – Commissioner, Minnesota Public Utilities Commission

Speakers

Ryan Hledik, Principal – The Brattle Group

Lon Huber, SVP, Pricing and Customer Solutions – Duke Energy

Natalie Mims Frick, Program Manager – Lawrence Berkeley National Lab

Teresa Ringenbach, VP of Business Development – Armada Power

Concurrent Session B3

| Room: La Galerie 3 - 2nd Floor

Scaling Up: Taking Innovations in Low-Carbon Natural Gas to the Next Level

Natural gas customers are seeking ways to decrease greenhouse gas emissions associated with gas production and use. Emerging methods include replacing natural gas with hydrogen or renewable natural gas, as well as reducing methane emissions in gas production and pipeline transmission through third-party certification processes, known as "responsibly sourced gas." On this panel, utility and gas industry representatives will discuss pilot approaches to reducing emissions from the natural gas

sector and offer perspectives on what is needed to scale approaches that demonstrate success in the pilot stage.

Moderator: Hon. Bobby Hayden, Massachusetts

Panelists:

Steve Caldwell, Vice President, Utility of the Future New England, National Grid

Michelle Moorman Applegate, Senior Director of Policy, Project Canary

David Talley, Director of Origination, Southwestern Energy

Concurrent Session B4

| Room: La Galerie 2 - 2nd Floor

The Regulatory Art of Performance Metrics and Measurement

The old saying goes "you can't manage what you don't measure." Sounds simple but measuring utility performance and choosing effective metrics is not easy and requires careful thought. If done correctly, measurement and metrics can help regulatory agencies and utilities achieve a variety of goals relating to service quality, reliability, efficiency, and affordability. Developing and setting up systems to identify, track, and report performance metrics has become increasingly important as more states have incorporated metrics, data reporting, and performance-based regulation into their regulatory toolboxes. This session highlights examples of states and utilities that have integrated performance measurement into rate making and regulation with a particular focus on the methods used to define, calculate, analyze, and report performance indicators. The session will focus on the use of metrics to track both water utility and electric utility performance.

Moderator: Hon. Jeff Hughes, North Carolina

Panelists: Hon. Abigail Anthony, Rhode Island

Patrick Cicero, Pennsylvania Consumer Advocate

10:30 a.m.-11:00 a.m.

Ragin Cajun Coffee Break

| Room: Acadia Grand Ballroom - 3rd Floor

11:00 a.m.-12:00 p.m.

Concurrent Session C1

| Room: Mardi Gras E-H - 3rd Floor

States are in the Driver's Seat: How the IRA can Pave the Way to Greater Energy Equity

States are in the Driver's Seat: How the IRA can Pave the Way to Greater Energy Equity

The Inflation Reduction Act (IRA) contains a number of provisions designed to support disadvantaged communities in the energy transition. State policy makers can play a critical role in making these resources accessible and aligning available funding with new and existing programs for optimal impact. This session will explore the provisions of the IRA that are available to support disadvantaged communities, examples of state actions and best practices for equitable deployment of clean energy resources, and exploration of challenges that remain to reach those most in need.

Moderator: Hon. Jehmal Hudson, Virginia

Speakers:

Hon. Darcie Houck, California

Sylvia Chi, Senior Strategist, Just Solutions Collective

Taresa Lawrence, Director of State, Local, and Tribal Policy, U.S. Department of Energy

Concurrent Session C2

| Room: Mardi Gras A-D - 3rd Floor

Utility Planning for the Clean Energy Transition

Legislation in several states now requires utilities to plan for a clean energy future. This panel will explore, discuss, and compare/contrast regulatory requirements and processes related to clean energy planning in several states that require utilities to file plans supporting the transition to a carbon-free power system. Panelists will field questions from the moderator and audience members designed to elicit similar or common features shared by states' clean energy plan dockets. We will also highlight and attempt to understand diverging elements and then identify potential implementation differences. Topics will include clean energy resource procurement, grid enablement initiatives, stakeholder processes, customer clean energy programs, customer affordability concerns, and others identified by our panelists.

Moderator: Hon. Hayley Williamson, Nevada

Panelist:

Hon. Carie Zalewski, Illinois

Hon. Charlotte Mitchell, North Carolina

Hon. Dave Danner, Washington

Zeryai Hagos, Deputy Director, Clean Energy and Markets, New York PSC

Kate Strickland, Manager Regulatory and Business Innovations, Smart Electric Power Alliance

Concurrent Session C3

| Room: La Galerie 2 - 2nd Floor

Inflationary Prices, Supply Chain, Interest Rates, and Regulatory Risk

All southern states were touched in 2021 by the stressors and risks laid bare during Winter Storm Uri. Commissioners and staff may view these as normal disruptors, but then stir in present global economic instability, inflation, rising interest rates, increasing energy costs, war and unprecedented supply-chain challenges and one will find upended markets and forced reconsideration of business investments and strategies. This panel will examine utility response to these factors along with how regulators and other stakeholders are responding to these challenges.

Moderator: Hon. Mary-Anna Holden, New Jersey

Panelist:

Hon. James (Jimmy) Glotfelty, Commissioner, Texas

James Cagle, Vice President, Utility Rates and Regulatory Affairs, Veolia Water

Heike Doerr, Principal Analyst, S&P global Market Intelligence

Mike Kammer, Director of Energy and Water, New Jersey Board of Public Utilities

Travis Kavulla, Vice President of Regulatory Affairs, NRG

Corey Singletary, Director of Regulatory Affairs, Citizens Utility Board of Wisconsin

Concurrent Session C4

| Room: La Galerie 3 - 2nd Floor

Can You Hear Me Now? The Importance of Telecommunications in Restoring Service after Black Sky Events

Communication during an energy emergency is critical to restoring utility services and coordinating among key stakeholders. State public utility commissions (PUCs) play an important role in coordinating energy emergency responses with key state agencies and setting requirements for regulated utilities' emergency response plans. For electric companies, resilience in the face of severe weather and DER optimization and electrification demands will require high speed and resilient data communications, as well as coordination between telecommunications providers and electric companies. NARUC's ongoing work with Black Sky hazard preparedness has identified the importance of telecommunications companies in the planning for these potentially devastating events. Telecommunication companies should play an active role in planning emergency response tactics with state PUCs, responding to an actual event, and partnering to identify federal funding opportunities to leverage for these efforts. This panel will explore opportunities to encourage collaborative planning and coordination during energy emergencies among PUCs, telecommunications providers, and other essential stakeholders.

Moderator: Hon. Mary Pat Regan, Kentucky PSC

Panelists:

Ben Aron, Assistant Vice President - State Regulatory Affairs, CTIA

Rick Mroz, Managing Director, Archer Public Affairs | Resolute Strategies

Stephanie Doiron, State Director - Louisiana, AT&T

Andis Kalnins, Senior Manager - Business Continuity & Emergency Management, Verizon

Joe Viens, Senior Director of Government Affairs, Charter Communications

12:00 p.m.-1:15 p.m.

NARUC Members Annual Luncheon

| Room: Grand Ballroom Carondelet - 3rd Floor

1:30 p.m.-2:30 p.m.

Concurrent Session D1

| Room: Mardi Gras A-D - 3rd Floor

State Rights of First Refusal; Winners, Losers, and Consequences

State Rights of First Refusal; Winners, Losers, and Consequences

FERC Order 1000 introduced competition in transmission development in 2011 by eliminating a federal right to build for an incumbent transmission provider, known as a right of first refusal (ROFR). In response, some states adopted laws to limit or prohibit merchant transmission developers from building within their boundaries unless the existing transmission owner is unwilling or unable to do so, essentially prohibiting competition. These laws have largely been upheld by the courts. To date, few regional transmission projects have been subject to competitive processes since Order 1000 and fewer have been built. Some blame the lack of regional development on elimination of the federally recognized ROFR and required competitive processes, while others claim the incumbent transmission owners no longer plan regional projects to avoid competition. This panel will explore the underpinnings of state ROFRs, the impact on transmission development, and benefits and detriments to customers.

Moderator: Hon. Kent Chandler, Kentucky

Speakers:

Hon. Ellen Nowak, Wisconsin

Tony Clark, Senior Advisor, Wilkinson Barker Knauer LLP

Devin Hartman, Director of Energy and Environment, R Street Institute

Ari Peskoe, Director of the Electricity Law Initiative, Harvard Law School

Concurrent Session D2

| Room: La Galerie 3 - 2nd Floor

Rethinking the Rules of Customer Engagement

Unlocking the promise and potential of a modern clean energy system requires greatly increased participation and different investment decisions by customers. Customers need to enroll in new programs and rate designs for efficiency, EVs, demand response, and more, while adopting behavior changes as well as new technologies that seamlessly integrate with the grid to maintain grid stability, affordability, and more. Yet, participation in clean energy programs remains substantially lower than is needed (e.g., single-digit enrollment and limited customer engagement with their energy supplier). Changing this paradigm would require new approaches to customer engagement, including renewed attention to customer engagement metrics and changes to conventional practices for cost-benefit analysis and EM&V – shifting from siloed programs at the edge of the utility to core offerings at the center of the utility business. This panel would discuss vision, persistent obstacles, and available solutions to increasing customer participation in their energy supply.

Moderator: Vice Chair Joe Sullivan, Minnesota

Panelist:

Angela Navarro, Head of State Regulatory Affairs- Arcadia
Melissa Lavinson, Head of Corporate Affairs, National Grid
K.C. Boyce, Vice President, Escalent
Chris Clark, President of Xcel, Minnesota, North Dakota, South Dakota
Indran Ratnathicam, Chief Marketing Officer, Uplight

Concurrent Session D3

| Room: La Galerie 2 - 2nd Floor

What in the World is New in the World of Cybersecurity?

According to DHS, cybersecurity threats to critical infrastructure remain one of the most significant strategic risks for the United States, threatening our security, prosperity, and safety. The cybersecurity incident suffered by Colonial Pipeline in 2021 suggests the severity of the consequences utilities must plan for and recover from. But the challenge is not necessarily new. Utilities and federal and state policy makers have been working to assess and mitigate cybersecurity risk across critical infrastructure sectors for years. During this session, hear from subject matter experts on what is working, what is not, and where the future of cybersecurity for critical infrastructure is heading.

Moderator: Hon. Dianne Solomon, New Jersey

Panelists: John Ransom, Cybersecurity Specialist, CISA/DSH

Jonathan White, Director - Cybersecurity Program Office, National Renewable Energy Lab

Concurrent Session D4

| Room: Mardi Gras E-H - 3rd Floor

Head in the Clouds and Interoperability Dreams: the Promises of AMI 2.0 and the Intelligent Grid

The Smart Grid Grant program authorized by Section 40107 of the IIJA is not the first-time billions of federal dollars have been available for deployment of AMI and Smart Grid technologies. This session will consider the lessons learned from the extensive installation of advanced meters funded by the American Rescue and Recovery Act of 2009, describe the new capabilities of current advanced metering technology, and attempt to identify factors needed for this new round investment to successfully deliver benefits to the grid and ratepayers. What do regulators, utilities, and other stakeholders need to do to ensure a different outcome this time around, and what role does interoperability play?

Moderator: Hon. Abigail Anthony, Rhode Island

Panelist:

Joe Paladino – Acting Director, Grid Technical Assistance, US DOE

Dave Kolata – Executive Director, Citizens Utility Board (Illinois)

Vicki Trees – Regional Sales Manager, Landis + Gyr

Jason Ryan – Executive Vice President, Regulatory Services & Government Affairs, CenterPoint Energy

David Littell, Former Commissioner of ME; Energy and Environmental Attorney, Bernstein Shur

2:30 p.m.-3:00 p.m.

Ragin Cajun Coffee Break

| Room: Acadia Grand Ballroom - 3rd Floor

3:00 p.m.-4:15 p.m.

General Session

| Room: Grand Ballroom Carondelet - 3rd Floor

Remarks by Incoming NARUC 2022-2023 President, followed by The Role for Natural Gas in America's Clean Energy Future

This General Session will begin with remarks from NARUC Incoming President, the Hon. Michael Caron, Connecticut.

Natural gas has provided safe, reliable, and affordable energy for many years. An unstoppable workhorse, natural gas cranks combustion turbines, powers combined cycle facilities, heats homes, and activates commercial and industrial processes. And while performing all these important tasks and more, the industry's innovations have significantly reduced the carbon footprint of natural gas in the last 15 years and more innovation is underway.

Against the backdrop of the federal "all of government" approach to climate action, combined with the war in Ukraine straining international supplies of natural gas and increased domestic market prices, we examine the role of natural gas in America's clean energy future. From hydrogen mixing to natural gas heat pumps, from the crush of high prices to the clamor for cleaner air, we consider the role of natural gas in transitioning to low-emission energy in the short-term, and the part natural gas should play in supporting a resilient, reliable, and clean 24/7 energy grid for the next generation.

Moderator: Hon. Judy Jagdmann, Virginia

Paula A. Gant, PhD, CEO & President, GTI Energy

Kim Greene, Chairman, President, and CEO, Southern Company

Clair Moeller, President, MISO

4:25 p.m.-5:30 p.m.

Board of Directors Meeting

| Room: Riverview - 41st Floor

Wednesday, November 16, 2022

Registration open 9:00-11:00 a.m.

Registration Room: Acadia Grand Ballroom - 3rd Floor

8:00 a.m.-9:30 a.m.

Big Easy Breakfast

| Room: Acadia Grand Ballroom - 3rd Floor

8:30 a.m.-10:30 a.m.

Concurrent Session E2

| Room: Mardi Gras A-D - 3rd Floor

High-priority Areas for Accelerating the EV transition

Join this interactive educational session with experts from the US Department of Energy to explore the topics of rates and proactive infrastructure investments. Two topics central to discussions about integrating electric vehicles with the grid. Proactive infrastructure investments could be essential for ensuring that infrastructure is in place to meet growing consumer demand, while rates can be an important component for meeting state policy objectives and for aligning customer charging with available capacity. Learn about DOE research, engage in conversation with your peers, and share your concerns and challenges.

Moderator: Hon. Katherine Peretick, Michigan

Panelists:

PANEL 1: Proactive Infrastructure Investments

Chris Irwin, Program Manager, U.S. Department of Energy, Office of Electricity, Advanced Grid R&D

Brian Wilkie, Director of New York Transport Electrification, National Grid

Philip B. Jones, Executive Director, Alliance for Transportation Electrification

PANEL 2: Developing Innovative Rates

Chris Irwin, Program Manager, U.S. Department of Energy, Office of Electricity, Advanced Grid R&D

Peter Cappers, Research Scientist, Lawrence Berkley National Laboratory

Sanem Sergici, Principal, The Brattle Group

9:30 a.m.-10:30 a.m.

Concurrent Session E1

| Room: Mardi Gras E-H - 3rd Floor

The Inflation Reduction Act: Your Electricity System Planning Assumptions Are Now Wrong

The Inflation Reduction Act includes dramatic changes to federal energy policy, tax incentives, and programs that will impact how energy is generated and used across the country. Tax credits for electric generation from wind, solar, storage, carbon capture, and advanced nuclear generation, home and apartment rebates and tax credits for energy efficiency and electrification, and the electric vehicle tax credit could dramatically change America's energy mix. State utility regulators will learn how this legislation may impact them, the utilities in their state, and their state's energy customers. Attendees will also hear about the imperative to incorporate new assumptions into electricity system planning.

Moderator: Hon. Tyler Huebner, Wisconsin

Panelist:

Sam Walsh, General Counsel, U.S. Department of Energy

Jamil Farbes, Principal, Evolved Energy

Priya Barua, Director of Market and Policy Innovation, Clean Energy Buyers Association

Matt Pawlowski, Executive Director of Business Management and Regulatory Affairs, NextEra Energy Resources

Concurrent Session E3

| Room: La Galerie 5 - 2nd Floor

Ethics - Safeguarding Confidential Information

1. What statutory duties does your State impose regarding the disclosure and exemption of information filed with your regulatory Commission?
2. How do these laws affect sensitive utility information placed in your Commission's care by the utilities you regulate?
3. Does your State have a statute imposing strict duties upon utilities and a regulatory agency in safeguarding confidential security information and sensitive infrastructure information?
4. What are the Utility's and the Commission's responsibilities to clearly identify and label sensitive, confidential, and proprietary information and protect it once filed?
5. Who in your Commission can review a utility's sensitive information?
6. Recent Court rulings regarding your State's open records laws.

Moderator: Secretary Rosemary Chiavetta, Pennsylvania Public Utility Commission

Panelist: Hon Steve DeFrank, PA

Concurrent Session E4

| Room: La Galerie 6 - 2nd Floor

Power Grid Gumbo: How Regulators Can Obtain the Right Ingredients for Reliability, Cost, and Sustainability

Power Grid Gumbo: How Regulators Can Obtain the Right Ingredients for Reliability, Cost, and Sustainability

As the electric system continues to transition, a reliable grid must remain job one for all stakeholders. Events in recent years including more extreme storms, heat waves, and ongoing supply chain challenges make clear that keeping the lights on is a challenge. Meanwhile, assessments from the North American Reliability Corporation (NERC) and recent reports from ISO-NE and MISO make clear that as the electric system continues to transition, the continued addition of intermittent resources – as

well as increasing electrification – add pressures to how the system operates and responds. NERC's assessments also show natural gas-fired power plants will play a critical role in maintaining reliability for the foreseeable future. These resources face their own challenges, though, including infrastructure limitations and state policies increasingly seeking to retire these units on an accelerated basis. At this time, the retirement of controllable resources is outpacing the addition of new resources with the flexibility to maintain the system. With environmental goals seemingly set without consideration of technology, land use and affordability limitations, will aggressive decarbonization jeopardize system reliability? How can federal and state policies and/or market designs help to reconcile these challenges while continuing to keep the lights on?

Moderator: Hon. Julie Fedorchak, North Dakota

Panelists:

Anne George, Vice President, External Affairs and Corporate Communications, ISO New England

Mark Lauby, Senior Vice President and Chief Engineer, North American Electric Reliability Corporation

Bob Rowe, Chief Executive Officer, Northwestern Energy

Tom Rumsey, Senior Vice President, Regulatory and External Affairs, Competitive Power Ventures

Resource: ISO NE 2022 Regional Electricity Outlook (<https://pubs.naruc.org/pub/D81486E7-1866-DAAC-99FB-54764A40A72D>)

10:45 a.m.-11:45 a.m.

General Session

| Room: Grand Ballroom Carondelet - 3rd Floor

From Bourbon Street to Wall Street: Why It Matters

This panel will provide a view of the inner workings of Wall Street and how the decisions of commissions, legislatures, and utilities impact utilities and their customers. The panel will include buy-side, sell-side, and rating agency analysts explaining what they do and answering the questions pertaining to why and how their analysis impacts regulated utilities. Among other things, each analyst will provide their perspective on the role of their specific job, important factors for analysis, what they value in a utility and regulatory climate, and what either bolsters or undermines the financial health of utilities. They will also discuss how the decisions utilities and commission make affect both the decisions analysts and investors make, as well as the impact on access to capital and cost of capital for the utilities.

Panelists:

Christopher Ellinghaus, Senior Utility - Alternative Energy Equity Analyst, Siebert Williams Shank & Co.

Eric Fogarty, CFA, Managing Director, Portfolio Manager and Senior Research Analyst, Duff & Phelps

William Hernandez, Associate Director, S&P Global Ratings

Nick Wagner, Vice President Colorado Regulatory Affairs and Policy, Black Hill Energy

12:30 p.m.-5:30 p.m.

Bonus Session!

| Room: Mardi Gras A-D - 3rd Floor

Investing in Grid Resilience: Capitalizing on Federal Funding and Technical Assistance Opportunities

Don't miss out on the **bonus workshop** at the NARUC Annual Meeting – **Investing in Grid Resilience: Capitalizing on Federal Funding and Technical Assistance Opportunities!**

Agenda (<https://pubs.naruc.org/pub/44D68E17-1866-DAAC-99FB-94502EBB8051>)

Federal funding opportunities for enhancing grid resilience have greatly increased with the passage of Infrastructure Investment and Jobs Act (IIJA) and Inflation Reduction Act. States and utilities are now eligible for a variety of federal investments to make the grid more adaptable, resilient, and reliable. During this half-day workshop, U.S. Department of Energy's (DOE) Grid Deployment Office (GDO) will provide an overview and answer questions about federal grid resilience programs including those under IIJA Sections 40101, 40103, 40107, and other related federal programming. NARUC and DOE will facilitate a series of interactive discussions focused on grid resilience planning, metrics, climate forecasting, and threat-based analysis. Throughout the presentations and discussions, organizers will solicit input to ensure that your key needs and challenges are addressed in future technical assistance offerings.

Please register (<https://naruc.us15.list-manage.com/track/click?u=7adb4a86ce032ae06ae867c73&id=ccd29150bd&e=f62b7eea34>) for this free event. The Investing in Grid Resilience workshop will take place on **Wednesday November 16** from 12:45 to 5:15 p.m. at the New Orleans Marriott located at **555 Canal Street, New Orleans, LA**.

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