

DOE Form 5631.20, Request for Visitor Access Approval: Section 145(b) of the Atomic Energy Act of 1954, as amended, codified at 42 U.S.C. 2165.

DOE Form 5631.18, Security Acknowledgement: Section 145(b) of the Atomic Energy Act of 1954, as amended, codified at 42 U.S.C. 2165; Executive Order 13526 (December 29, 2009); Executive Order 10865 (Feb. 20, 1960); Executive Order 10450 (April 27, 1953); DOE Order 5631.2C (February 17, 1994).

DOE Form 5631.29, Security Termination Statement: Section 145(b) of the Atomic Energy Act of 1954, as amended, codified at 42 U.S.C. 2165; Executive Order 13526 (December 29, 2009); Executive Order 10865 (Feb. 20, 1960); Executive Order 10450 (Apr. 27, 1953); 32 CFR part 2001; DOE O 472.2 (July 21, 2011).

DOE Form 5631.5, The Conduct of Personnel Security Interviews: 10 CFR part 710; Executive Order 12968 (Aug. 2, 1995); Executive Order 10450 (April 27, 1953); DOE Order 472.2 (July 21, 2011).

DOE Form 473.3, U.S. Department of Energy Clearance Access Request; DOE Form 471.1, Security Incident Notification Report; DOE Form 472.3 Foreign Citizenship Acknowledgement; and DOE Form 473.2, Security Badge Request; the Atomic Energy Act of 1954, as amended, and by Executive Orders 13764, 10865, and 13526.

Electronic Foreign Ownership, Control or Influence (e-FOCI) System: Executive Order 12829 (January 6, 1993); DOE Order 470.4B (July 21, 2011).

Foreign Access Central Tracking System (FACTS): Presidential Decision Directive 61 (February 1999); DOE Order 142.3A (October 14, 2010).

### Signing Authority

This document of the Department of Energy was signed on December 1, 2022, by Todd N. Lapointe, Acting Director, Office of Environment, Health, Safety and Security, pursuant to delegated authority from the Secretary of Energy. That document with the original signature and date is maintained by DOE. For administrative purposes only, and in compliance with requirements of the Office of the Federal Register, the undersigned DOE **Federal Register** Liaison Officer has been authorized to sign and submit the document in electronic format for publication, as an official document of the Department of Energy. This administrative process in no way alters the legal effect of this document upon publication in the **Federal Register**.

Signed in Washington, DC, on December 7, 2022.

**Treana V. Garrett,**

*Federal Register Liaison Officer, U.S. Department of Energy.*

[FR Doc. 2022-26882 Filed 12-9-22; 8:45 am]

**BILLING CODE 6450-01-P**

## DEPARTMENT OF ENERGY

### Federal Energy Regulatory Commission

[Docket No. AD22-12-000]

#### Joint FERC-DOE Supply Chain Risk Management Technical Conference; Fourth Supplemental Notice of Technical Conference

Take notice that the Federal Energy Regulatory Commission (Commission) will convene a Joint Technical Conference with the U.S. Department of Energy in the above-referenced proceeding on December 7, 2022, from approximately 8:30 a.m. to 5:00 p.m. Eastern Time. The conference will be held in-person at the Commission's headquarters at 888 First Street NE, Washington, DC 20426 in the Commission Meeting Room.

The purpose of this conference is to discuss supply chain security challenges related to the Bulk-Power System, ongoing supply chain-related activities, and potential measures to secure the supply chain for the grid's hardware, software, computer, and networking equipment. FERC Commissioners and DOE's Office of Cybersecurity, Energy Security, and Emergency Response (CESER) Director will be in attendance, and panels will involve multiple DOE program offices, the North American Electric Reliability Corporation (NERC), trade associations, leading vendors and manufacturers, and utilities.

The conference will be open for the public to attend, and there is no fee for attendance. Information on this technical conference will also be posted on the Calendar of Events on the Commission's website, [www.ferc.gov](http://www.ferc.gov), prior to the event.

Attached to this Supplemental Notice is an agenda for the technical conference, which includes the technical conference program and expected panelists.

The conference will also be transcribed. Transcripts will be available for a fee from Ace Reporting, (202) 347-3700.

Commission conferences are accessible under section 508 of the Rehabilitation Act of 1973. For accessibility accommodations, please

send an email to [accessibility@ferc.gov](mailto:accessibility@ferc.gov), call toll-free (866) 208-3372 (voice) or (202) 208-8659 (TTY), or send a fax to (202) 208-2106 with the required accommodations.

For more information about this technical conference, please contact Simon Slobodnik at [Simon.Slobodnik@ferc.gov](mailto:Simon.Slobodnik@ferc.gov) or (202) 502-6707. For information related to logistics, please contact Lodie White at [Lodie.White@ferc.gov](mailto:Lodie.White@ferc.gov) or (202) 502-8453.

Dated: December 6, 2022.

**Kimberly D. Bose,**  
*Secretary.*



#### Supply Chain Risk Management Technical Conference; Docket No. AD22-12-000; December 7, 2022, 8:30 a.m.-5:00 p.m.

8:30 a.m. Opening Remarks and Introductions

8:45 a.m. Panel I: Supply Chain Risks Facing the Bulk-Power System

The U.S. energy sector procures products and services from a globally distributed, highly complex, and increasingly interconnected set of supply chains. Information Technology (IT) and Operational Technology (OT) systems enable increased interconnectivity, process automation, and remote control. As a result, supply chain risks will continue to evolve and likely increase.<sup>1</sup> This panel will discuss the state of supply chain risks from a national and geopolitical perspective. Specifically, the panel will explore current supply chain risks to the security of grid's hardware, software, computer, and networking equipment and how well-resourced campaigns perpetrated by nation states, such as the SolarWinds incident, affect supply chain risk for the electric sector. Panelists will discuss the origins of

<sup>1</sup> See U.S. Dep't. of Energy, *America's Strategy to Secure the Supply Chain for a Robust Clean Energy Transition: Response to Executive Order 14017, America's Supply Chains*, 42, (Feb. 24, 2022), [https://www.energy.gov/sites/default/files/2022-02/America%20Strategy%20to%20Secure%20the%20Supply%20Chain%20for%20a%20Robust%20Clean%20Energy%20Transition%20FINAL.docx\\_0.pdf](https://www.energy.gov/sites/default/files/2022-02/America%20Strategy%20to%20Secure%20the%20Supply%20Chain%20for%20a%20Robust%20Clean%20Energy%20Transition%20FINAL.docx_0.pdf).

these risks, their pervasiveness, the possible impacts they could have on Bulk-Power System reliability, and approaches to mitigating them. The panelists will also discuss challenges associated with supply chain visibility and covert embedded spyware or other compromising software or hardware in suppliers' products, parts, or services.

This panel may include a discussion of the following topics and questions:

1. Describe the types of challenges and risks associated with globally distributed, highly complex, and increasingly interconnected supply chains.
2. Describe the difficulties associated with supply chain visibility and how origins of products or components may be obscured.
3. How are foreign-supplied Bulk-Power System components being manipulated and is there a particular phase in the product lifecycle where the product is manipulated for nefarious intent?
4. How are these supply chain challenges and risks currently being managed?
5. How has the current geopolitical landscape impacted the energy sector's ability to manage supply chain challenges and risks?
6. How can Sector Risk Management Agencies and Regulators promote and/or incentivize supply chain transparency at the earlier stages of product development and manufacturing?
7. Discuss the pathways (*e.g.*, voluntary best practices and guidelines, mandatory standards) that together could address the current supply chain challenges and risks?
8. What actions can government take, both formal regulatory actions and coordination, to help identify and mitigate risks from the global supply chain for the energy sector?

#### Panelists

- Mara Winn, Deputy Director, Preparedness, Policy, and Risk Analysis, DOE CESER
- Jeanette McMillian, Assistant Director, Supply Chain and Cyber Directorate, National Counterintelligence and Security Center
- Manny Cancel, Senior Vice President, NERC and CEO, Electricity Information Sharing and Analysis Center
- Marty Edwards, Deputy Chief Technical Officer—OT/IoT, Tenable
- Jon Amis, Principal, Supply Chain Solutions, LMI
- Emily Frye, Director for Cyber Integration at the Homeland Security Center, MITRE Corporation

10:30 a.m. Break

10:45 a.m. Panel II: Current Supply Chain Risk Management (SCRM) Reliability Standards, Implementation Challenges, Gaps, and Opportunities for Improvement

It has now been more than six years since the Commission directed the development of mandatory standards to address supply chain risks, and more than two years since the first set of those standards became effective. As discussed in Panel 1, supply chain risks have continued to grow in that time. In light of that evolving threat, panelists will discuss the existing SCRM Reliability Standards, including: (1) their effectiveness in securing the Bulk-Power System; (2) lessons learned from implementation of the current SCRM Reliability Standards; and (3) possible gaps in the currently effective SCRM Reliability Standards. This panel will also provide an opportunity to discuss any Reliability Standards in development, and how these new standards will help enhance security and help address some of the emerging supply chain threats.

This panel may include a discussion of the following topics and questions:

1. Are the currently effective SCRM Reliability Standards sufficient to successfully ensure Bulk-Power System reliability and security in light of existing and emerging risks?
2. What requirements in the SCRM Reliability Standards present implementation challenges for registered entities and for vendors?
3. How are implementation challenges being addressed for utilities and for vendors?
4. Are there alternative methods for implementing the SCRM Reliability Standards that could eliminate challenges or enhance effectiveness moving forward?
5. Based on the current and evolving threat landscape, would the currently effective SCRM Reliability Standards benefit from additional mandatory security control requirements and how would these additional controls improve the security of the Bulk-Power System?
6. Are there currently effective SCRM criteria or standards that manufacturers must adhere to in foreign countries that may be prudent to adopt in the U.S.?

#### Panelists

- Lonnie Ratliff, Director of Compliance Assurance and Certification, NERC
- Adrienne Lotto, Senior Vice President of Grid Security, Technical & Operations Services, American Public Power Association

- Jeffrey Sweet, Director of Security Assessments, American Electric Power
- Shari Gribbin, Managing Partner, CNK Solutions
- Scott Aaronson, Senior Vice President of Security and Preparedness, Edison Electric Institute

12:15 p.m. Lunch

1:15 p.m. Panel III: The U.S. Department of Energy's Energy Cyber Sense Program

Through the Energy Cyber Sense Program, DOE will provide a comprehensive approach to securing the nation's critical energy infrastructure and supply chains from cyber threats with this voluntary program. The Energy Cyber Sense Program will build upon direction in Section 40122 of the Bipartisan Infrastructure Law, as well as multiple requests from industry, leveraging existing programs and technologies, while also initiating new efforts. Through Energy Cyber Sense, DOE aims to work with manufacturers and asset owners to discover, mitigate, and engineer out cyber vulnerabilities in digital components in the Energy Sector Industrial Base critical supply chains. This program will provide a better understanding of the impacts and dependencies of software and systems used in the energy sector; illuminate the digital provenance of subcomponents in energy systems, hardware, and software; apply best-in-class testing to discover and address common mode vulnerabilities; and provide education and awareness, across the sector and the broader supply chain community to optimize management of supply chain risks. This panel will discuss specific supply chain risks that Energy Cyber Sense will address as well as some of the programs and technologies DOE will bring to bear under the program to address the risks.

This panel may include a discussion of the following topics and questions:

1. How are emerging orders, standards, and process guidance, such as Executive Order 14017, Executive Order 14028, NIST Special Publication 800-161r1, ISA 62443, CIP-013-1, and others, changing how we assess our digital supply chain?
2. Given the dependence of OT on application-specific hardware, how could the inclusion and linkage of Hardware Bill of Materials (HBOMs) with Software Bill of Materials (SBOMs) increase our ability to accurately and effectively assess and mitigate supply chain risk? To what degree is this inclusion and linkage of HBOMs with SBOMs taking place today and what

steps should be taken to fill any remaining gaps?

3. Given that much of the critical technology used in the energy sector is considered legacy technology, how can manufacturers, vendors, asset owners and operators, aided by the federal government, national laboratories, and other organizations, manage the supply chain risk from legacy technology? How can this risk management be coordinated with newer technologies that are more likely to receive SBOMs, HBOMs, and attestations?

4. Where does testing, for example Cyber Testing for Resilient Industrial Control Systems (CyTRICS) and third-party testing, fit in the universe of “rigorous and predictable mechanisms for ensuring that products function securely, and as intended?”<sup>2</sup>

5. More than ever, developers are building applications on open-source software libraries. How can developers address the risks inherent with open-source software and how can asset owners work with vendors to validate that appropriate open-source risk management measures have been taken?

6. U.S. energy systems have significant dependencies on hardware components, including integrated circuits and semiconductors, most of which are manufactured outside of the US. What tools and technologies are needed to understand the provenance of hardware components used in U.S. energy systems and the risks from foreign manufacture? How will the newly passed CHIPS and Science Act change the risk landscape? What is needed in terms of regulation, standards, and other guidance to strengthen the security of the hardware component supply chain from cyber and other risks?

#### Panelists

- Steven Kunsman, Director Product Management and Applications, Hitachi Energy
- Ron Brash, Vice President Technical Research & Integrations, aDolus
- Zachary Tudor, Associate Laboratory Director, National and Homeland Security
- Allan Friedman, Senior Advisor and Strategist, DHS CISA
- Brian Barrios, Vice President, Cybersecurity & IT Compliance, Southern California, Edison

<sup>2</sup> See Exec. Order No. 14028, 86 FR 26633, 26646 (May 12, 2021) (The Executive Order declared that the security of software used by the Federal Government is “vital to the Federal Government’s ability to perform its critical functions.” The Executive Order further cited a “pressing need to implement more rigorous and predictable mechanisms for ensuring that products function securely, and as intended.”)

- Dick Brooks, Co-Founder & Lead Software Engineer, Reliable Energy Analytics

2:45 p.m. Break

3:00 p.m. Panel IV: Enhancing the Supply Chain Security Posture of the Bulk-Power System

This panel will discuss forward-looking initiatives that can be used to improve the supply chain security posture of the Bulk-Power System. These initiatives could include vendor accreditation programs, product and service verification, improved internal supply chain security capability, third party services, and private and public partnerships.

Vendor accreditation can be established in various ways. One of the more prominent ways is currently being explored by the North American Transmission Forum through its Supply Chain Security Assessment model and the associated questionnaire.<sup>3</sup> The panel will also explore certain programs and practices used by utilities to verify the authenticity and effectiveness of products and services. Internal supply chain security capabilities include hiring people with the appropriate background and knowledge, while also developing relevant skills internally, through training on broad supply chain topics and applying them to the specific needs of the organization. Finally, this panel will address private and public partnerships on supply chain security and how they can facilitate timely access to information that will help better identify current and future supply chain threats to the Bulk-Power System and best practices to address those risks.

This panel may include a discussion of the following topics and questions:

1. What vendor accreditation programs currently exist or are in development? How can entities vet a vendor in the absence of a vendor accreditation program?
2. What are the challenges, benefits, and risks associated with utilizing third-party services for maintaining a supply chain risk management program?
3. What are the best practices and other guidance for security evaluation of vendors?
4. What programs and practices are currently in use to ensure product and service integrity?
5. What processes are used to test products prior to implementation?
6. What is the right balance between vendor and product security and cost? Is there a point of diminishing returns?

<sup>3</sup> <https://www.natf.net/industry-initiatives/supply-chain-industry-coordination>.

7. What are effective strategies for recruiting personnel with the appropriate background and SCRM skills to strengthen internal security practices? How do you provide the training necessary to further develop the skills specific to your unique organizational challenges?

8. What are the best ways to meaningfully assimilate SBOM information and what subsequent analyses can be done to strengthen internal security practices?

9. How can the industry keep informed of the latest supply chain compromises? How do entities currently respond to these compromises to keep their systems secure? Are there ways to improve these responses? What actions can government take, both formal regulatory actions and coordination, to help keep industry informed of supply chain compromises and to facilitate effective responses?

10. What key risk factors do entities need to consider prior to leveraging third party services and how should those risk factors be balanced with an entity’s organizational policy? What SCRM controls do you have in place to ensure your systems and products have a reduced risk of compromise? Please discuss any challenges that you have experienced as well as successes.

11. How should government and industry prioritize and coordinate federal cross-agency and private sector collaboration and activities regarding SCRM?

#### Panelists

- Tobias Whitney, Vice President of Strategy and Policy, Fortress Information Security
- Valerie Agnew, General Counsel, North American Transmission Forum
- David Schleicher, President and CEO, Northern Virginia Electric Cooperative
- Ron Schoff, Director, Research & Development, Electric Power Research Institute
- Matt Dale, Cybersecurity Program Manager, Virginia State Corporation Commission
- Robert R. Scott, Commissioner, New Hampshire Department of Environmental Services. Governor’s Advisor for Utility Critical Infrastructure Cybersecurity. Managing Director, New England Utility Cybersecurity Integration Collaborative
- Joyce Corell, Senior Technology Advisor to the NCD, Office of the National Cyber Director, Executive Office of the President

4:45 p.m. Closing Remarks

5:00 p.m. Adjourn

[FR Doc. 2022–26916 Filed 12–9–22; 8:45 am]

BILLING CODE 6717–01–P

## DEPARTMENT OF ENERGY

### Federal Energy Regulatory Commission

[Docket No. ER23–562–000]

#### TGP Energy Management II, LLC; Supplemental Notice That Initial Market-Based Rate Filing Includes Request for Blanket Section 204 Authorization

This is a supplemental notice in the above-referenced proceeding of TGP Energy Management II, LLC's application for market-based rate authority, with an accompanying rate tariff, noting that such application includes a request for blanket authorization, under 18 CFR part 34, of future issuances of securities and assumptions of liability.

Any person desiring to intervene or to protest should file with the Federal Energy Regulatory Commission, 888 First Street NE, Washington, DC 20426, in accordance with Rules 211 and 214 of the Commission's Rules of Practice and Procedure (18 CFR 385.211 and 385.214). Anyone filing a motion to intervene or protest must serve a copy of that document on the Applicant.

Notice is hereby given that the deadline for filing protests with regard to the applicant's request for blanket authorization, under 18 CFR part 34, of future issuances of securities and assumptions of liability, is December 26, 2022.

The Commission encourages electronic submission of protests and interventions in lieu of paper, using the FERC Online links at <http://www.ferc.gov>. To facilitate electronic service, persons with internet access who will eFile a document and/or be listed as a contact for an intervenor must create and validate an eRegistration account using the eRegistration link. Select the eFiling link to log on and submit the intervention or protests.

Persons unable to file electronically may mail similar pleadings to the Federal Energy Regulatory Commission, 888 First Street NE, Washington, DC 20426. Hand delivered submissions in docketed proceedings should be delivered to Health and Human Services, 12225 Wilkins Avenue, Rockville, Maryland 20852.

In addition to publishing the full text of this document in the **Federal Register**, the Commission provides all interested persons an opportunity to view and/or print the contents of this document via the internet through the Commission's Home Page (<http://www.ferc.gov>) using the "eLibrary" link. Enter the docket number excluding the last three digits in the docket number field to access the document. At this time, the Commission has suspended access to the Commission's Public Reference Room, due to the proclamation declaring a National Emergency concerning the Novel Coronavirus Disease (COVID–19), issued by the President on March 13, 2020. For assistance, contact the Federal Energy Regulatory Commission at [FERCOnlineSupport@ferc.gov](mailto:FERCOnlineSupport@ferc.gov) or call toll-free, (886) 208–3676 or TTY, (202) 502–8659.

Dated: December 6, 2022.

**Kimberly D. Bose,**  
Secretary.

[FR Doc. 2022–26917 Filed 12–9–22; 8:45 am]

BILLING CODE 6717–01–P

## DEPARTMENT OF ENERGY

### Federal Energy Regulatory Commission

#### Combined Notice of Filings

Take notice that the Commission has received the following Natural Gas Pipeline Rate and Refund Report filings:

#### Filings Instituting Proceedings

*Docket Numbers:* RP23–266–000.  
*Applicants:* Rockies Express Pipeline LLC.  
*Description:* § 4(d) Rate Filing: REX 2022–12–05 Negotiated Rate Agreement to be effective 12/6/2022.  
*Filed Date:* 12/5/22.  
*Accession Number:* 20221205–5131.  
*Comment Date:* 5 p.m. ET 12/19/22.

*Docket Numbers:* RP23–267–000.  
*Applicants:* Rover Pipeline LLC.  
*Description:* § 4(d) Rate Filing: GT&C Section 25 Reservation Charge Credit to be effective 1/6/2023.  
*Filed Date:* 12/6/22.  
*Accession Number:* 20221206–5006.  
*Comment Date:* 5 p.m. ET 12/19/22.

*Docket Numbers:* RP23–268–000.  
*Applicants:* Columbia Gas Transmission, LLC.  
*Description:* § 4(d) Rate Filing: Vitol OPT30 & OPT60 Rev Share Negotiated Rate Agmts to be effective 12/1/2022.  
*Filed Date:* 12/6/22.  
*Accession Number:* 20221206–5058.  
*Comment Date:* 5 p.m. ET 12/19/22.

Any person desiring to intervene or protest in any of the above proceedings

must file in accordance with Rules 211 and 214 of the Commission's Regulations (18 CFR 385.211 and 385.214) on or before 5:00 p.m. Eastern time on the specified comment date. Protests may be considered, but intervention is necessary to become a party to the proceeding.

#### Filings in Existing Proceedings

*Docket Numbers:* RP22–501–003.  
*Applicants:* ANR Pipeline Company.  
*Description:* Filing Withdrawal: Withdrawal of Motion to Place Interim Settlement Rates Into Effect to be effective N/A.  
*Filed Date:* 12/5/22.  
*Accession Number:* 20221205–5116.  
*Comment Date:* 5 p.m. ET 12/19/22.

Any person desiring to protest in any of the above proceedings must file in accordance with Rule 211 of the Commission's Regulations (18 CFR 385.211) on or before 5:00 p.m. Eastern time on the specified comment date.

The filings are accessible in the Commission's eLibrary system (<https://elibrary.ferc.gov/idmws/search/fercgensearch.asp>) by querying the docket number.

eFiling is encouraged. More detailed information relating to filing requirements, interventions, protests, service, and qualifying facilities filings can be found at: <http://www.ferc.gov/docs-filing/efiling/filing-req.pdf>. For other information, call (866) 208–3676 (toll free). For TTY, call (202) 502–8659.

Dated: December 6, 2022.

**Kimberly D. Bose,**  
Secretary.

[FR Doc. 2022–26914 Filed 12–9–22; 8:45 am]

BILLING CODE 6717–01–P

## DEPARTMENT OF ENERGY

### Federal Energy Regulatory Commission

#### Combined Notice of Filings #1

Take notice that the Commission received the following electric corporate filings:

*Docket Numbers:* EC22–74–000.  
*Applicants:* Wisconsin Power and Light Company, Wisconsin Public Service Corporation, Madison Gas and Electric Company.

*Description:* Wisconsin Public Service Corporation submits Supplement to Response to September 8, 2022, Deficiency Letter.

*Filed Date:* 10/11/22.

*Accession Number:* 20221011–5357.

*Comment Date:* 5 p.m. ET 12/8/22.