



Joint Supply Chain Practice Group and Supplier Sharing Call

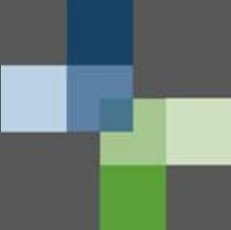
October 5th, 2026 – 2pm-3pm ET

Open Distribution for Supply Chain Materials

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Agenda

- Overview of Executive Order 14421
- Panel on Executive Order 14421

Overview of Executive Order 14421

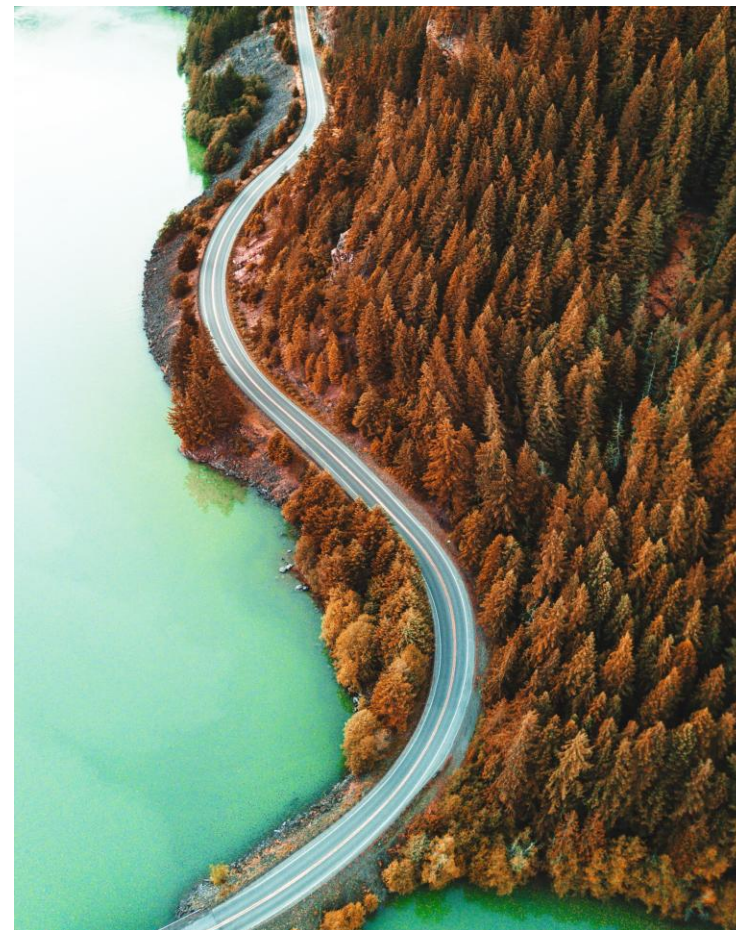
Heath Knakmuhs, US Chamber of Commerce
Bridget Bartol, NEMA

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Past is Prologue

- Executive Order (EO) 14421 was issued August 26, 2026
- EO 14421 bears strong similarities to prior EO 13920 issued in 2020
- Both represent efforts to restrict certain foreign-made grid equipment
- Understanding the path of prior EO may help understand the present EO



Executive Order 13920

- Primary effects of the order:
 - Declared national emergency
- Authorized Secretary of Energy to prohibit certain equipment
- Restricted certain bulk-power system equipment from foreign entities



E.O. 13920 and Bulk Power System Supply Chain Security

June 5, 2020

On May 1, 2020, President Trump issued [Executive Order \(E.O.\) 13920](#), titled “Securing the United States Bulk-Power System.” The E.O. states that it is protecting “the security, integrity, and reliability of bulk-power system electric equipment used in the United States” from “foreign adversaries” who are creating and exploiting vulnerabilities in the [bulk-power system \(BPS\)](#). In the E.O., the President “declared a national emergency with respect to the threat” to the U.S. bulk-power system, with the goal of limiting the acquisition or use of “equipment designed, developed, manufactured, or supplied by” entities subject to the control of foreign adversaries.

[According to the Department of Energy \(DOE\)](#), E.O. 13920 authorizes the Secretary of Energy to:

- establish and publish criteria for recognizing particular equipment and vendors for a pre-qualified vendor list;
- identify any now-prohibited equipment already in use, and develop strategies in working with asset owners to identify, isolate, monitor, and replace this equipment as appropriate; and
- work with other appropriate federal agencies to carry out the authorities and responsibilities outlined in the Executive Order.

The order requires that the Secretary of Energy issue implementing regulations by September 28, 2020.

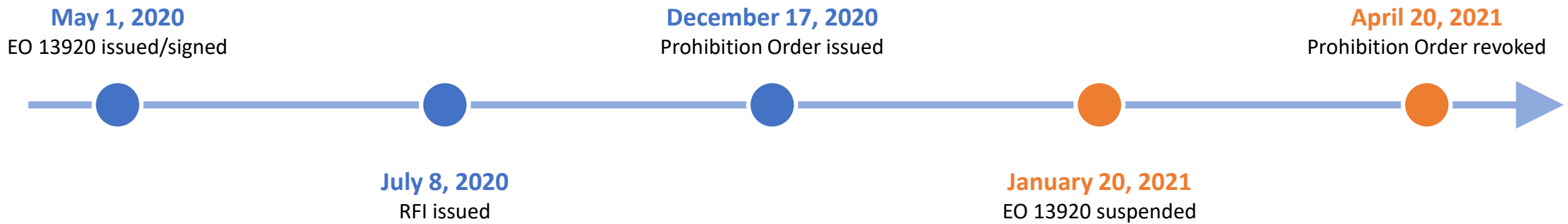
Bulk Power System Security

The electric grid relies on a number of electronic devices, switches, and circuit breakers to monitor and regulate the flow of electricity. Together, these pieces of mechanical and automated equipment constitute the grid’s industrial control system (ICS) network, managing power plant controls, transmission, and distribution substations. There have been [increasing reports about foreign hackers](#) targeting ICS on the U.S. grid. While these intrusions have not been reported as causing significant disruptions, concerns are increasing over the potential of such intrusions to result in damaging cyberattacks. Natural gas pipelines, critical to BPS operation, [have also been targeted](#).

Congressional Research Service
<https://crsreports.congress.gov>
IN11417

CRS INSIGHT
Prepared for Members and
Committees of Congress

Executive Order 13920 timeline



Executive Order 14421

- Like EO 13920, the new EO 14421:
 - Declares a national emergency
 - Empowers the Secretary of Energy to prohibit certain transactions of grid equipment
 - More specific directives to agencies: DOE, OMB



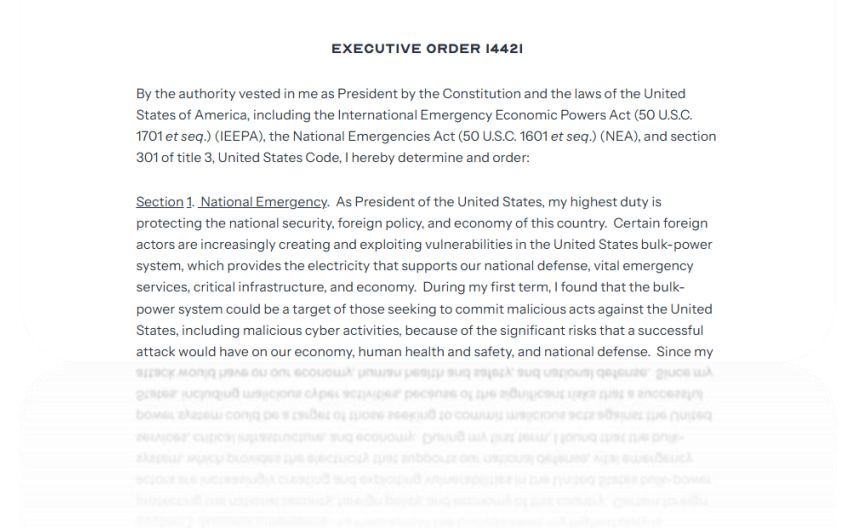
EXECUTIVE ORDER 14421

By the authority vested in me as President by the Constitution and the laws of the United States of America, including the International Emergency Economic Powers Act (50 U.S.C. 1701 *et seq.*) (IEEPA), the National Emergencies Act (50 U.S.C. 1601 *et seq.*) (NEA), and section 301 of title 3, United States Code, I hereby determine and order:

Section 1. National Emergency. As President of the United States, my highest duty is protecting the national security, foreign policy, and economy of this country. Certain foreign actors are increasingly creating and exploiting vulnerabilities in the United States bulk-power system, which provides the electricity that supports our national defense, vital emergency services, critical infrastructure, and economy. During my first term, I found that the bulk-power system could be a target of those seeking to commit malicious acts against the United States, including malicious cyber activities, because of the significant risks that a successful attack would have on our economy, human health and safety, and national defense. Since my

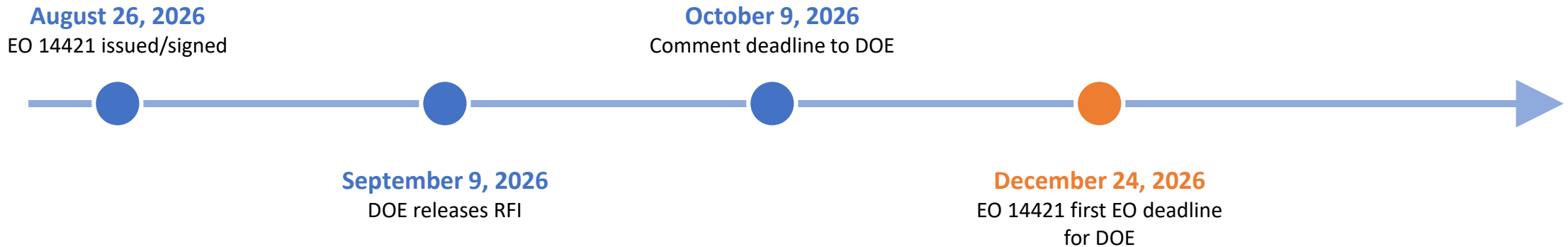
Executive Order 14421

- What is different this time?
 - Broader equipment scope; and focus related to “Covered Foreign Entity” definition, reference to ITAR list
 - Ability to impose conditions on installed equipment (including removal, mitigation)
 - Longer expected run time



Executive Order 14421 Status

Expected Actions



Panel on Executive Order 14421

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Panel on Executive Order 14421



Frank Harrill
Schweitzer
Engineering
Laboratories



Jennifer Couch
Southern Company



Chris Fitzhugh
Siemens Energy



EO 14421 – Supplier/Entity Perspectives

What are the immediate implications of this order?



EO 14421 – Supplier/Entity Perspectives

What significant impacts could result?



EO 14421 – Supplier/Entity Perspectives

What are your thoughts on the related DOE RFI?



EO 14421 – Actions to consider

What first principles should suppliers and entities consider when preparing for this order?



EO 14421 – Actions to consider

What software or hardware inventories should be in place to respond quickly, and what elements should they contain?



EO 14421 – Actions to consider

What role should secure development practices, independent testing, and third-party certifications play in demonstrating trustworthy products?



EO 14421 – Actions to consider

What technical controls should be considered to address concerns over “digital backdoors” as mentioned in the order?



EO 14421 – Actions to consider

What actions are you taking to identify and secure remote access from service providers or other third parties to prevent unauthorized access?

Questions?





Thank you for attending!

NATF Contact Information

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Let us know your thoughts on today's meeting:

[Post-meeting survey](#)

