

Department of Energy Seeks Information on Energy Sector Supply Chain

The U.S. Department of Energy (“DOE”) is [requesting input](#) from all “stakeholders involved directly and indirectly in the supply chains of energy, energy systems and technologies, and energy efficiency technologies.” This stakeholder input will inform DOE’s efforts in building a diverse and resilient energy sector industrial base. The DOE’s Request for Information (“RFI”) was issued pursuant to [Executive Order 14017](#) on *America's Supply Chains*, which directs the Energy Secretary to report on supply chains for the energy sector industrial base by February 24, 2022. The RFI represents an additional step by DOE to understand the interests, concerns, challenges, and policy needs of the private sector and communities at large with respect to the energy sector industrial base.

The DOE has identified technologies and crosscutting topics for analysis in the timeframe set by Executive Order 14017. In particular, DOE is interested in gathering information on the following fourteen technologies and topics:

- Crosscutting topics relating to the energy sector industrial base
- Solar PV Technology
- Wind Energy Technology
- Energy Storage Technology
- Electric Grid—Transformers and HVDC
- Hydropower and Pumped Storage Technology
- Nuclear Energy Technology
- Fuel Cells and Electrolyzers
- Semiconductors
- Neodymium Magnets
- Platinum Group Metals and other materials used as Catalysts
- Carbon Capture, Storage, and Transportation Materials
- Cybersecurity and Digital Components
- Commercialization and Competitiveness

For each technology and topic, the RFI includes a list of questions to which the public can respond. The RFI states that commentors “may provide input regarding any or all the topic areas and may address any or all the questions.”

DOE states that it will be reviewing the full supply chain for each of the identified technologies. The RFI gives the following examples of the tasks that will be performed for an in-depth assessment of each identified technology:

- Mapping the supply chains;
- Identifying existing and future threats, risks, and vulnerabilities;
- Identifying major barriers, including financial and commercial, scientific, technical, regulatory and market;

- Identifying conditions needed to help incentivize energy sector companies and communities to both transfer energy manufacturing back to and scale up supply chains in the United States.
- Identifying areas where collaboration between the government and private sector, as well as between government entities (federal, state, local, and Tribal), is necessary to expand the energy industrial base, what private sector leadership might look like in this area, and where or how government can help; and
- Identifying specific actions to address threats, risks, and vulnerabilities and help build resilient supply chains.

Responses to the RFI will be reviewed and considered on a rolling bases, with all responses due no later than 5:00 p.m. (ET) on January 15, 2022.