



**Walter Wright, Jr.**  
wwright@mwlaw.com  
(501) 688.8839

# Securing America's Future/Supply Chain Solutions for a Clean Energy Economy: U.S. House of Representatives Committee on Energy and Commerce Hearing

11/17/2021

The Energy and Environment and Climate Change Subcommittees of the United States House of Representatives Committee on Energy and Commerce held a hearing on November 16th titled:

*Securing America's Future: Supply Chain Solutions for a Clean Energy Economy ("Hearing")*

The stated purpose of the Hearing was to examine opportunities to develop domestic supply chains for clean energy technologies and their components.

The Committee on Energy and Commerce staff transmitted a November 12th memorandum ("Memorandum") to Subcommittee on Environment and Climate Change and Subcommittee on Energy members and staff addressing in some detail a number of issues that would be discussed at the hearing. The components of the Memorandum include:

- Background
- Biden Administration greenhouse gas reduction targets
- Achieving greenhouse gas targets will require a significant rise in clean energy deployment
- A dramatic expansion of clean energy supply chains will be required
- Clean energy supply chains are either nascent or geographically concentrated in other countries
- Clean Energy Supply Chains
  - Onshore Wind
  - Offshore Wind
  - Solar
  - Batteries
- Critical Mineral Supply Chains
  - U.S. government has identified 35 critical minerals vital to security
  - United States relies on 100 percent net imports for 14 critical minerals
  - Wind turbines, solar panels, batteries, and other clean energy technologies rely on critical minerals
  - The energy sector will be the leading consumer of certain critical minerals in the coming decades
  - Certain critical minerals produced by the United States may be exported due to lack of domestic processing capacity
  - Developing domestic supply chains

- Investing in supply chain buildout and resilience, manufacturing capacity, and materials innovation can ensure the United States can produce clean energy technologies
- Various supply and demand-side policies have been proposed to support supply chain development
- Developing U.S. supply chains does not solely mean producing new products or materials
- End-of-life recycling of clean energy technologies and their components will be critical going forward

The following witnesses testified at the Hearing:

- Ethan Zindler

Head of Americas

BloombergNEF

- Roxanne Brown

International Vice President at Large

United Steelworkers

- Jackson Switzer, Ph.D

Senior Director of Business Development

Redwood Materials

- Lucian Pugliesi

President

Energy Policy Research Foundation, Inc. (EPRINC)

A link to the Memorandum and the witness testimonies can be found [here](#).