

## **Biomass for Energy Production/CLCA**

### **Phase 2 Meeting 2**

#### **LCA Framing 101**

June 18, 2024

DOF HQ Charlottesville, VA (virtual optional)

10:00-12:00

- Welcome and Introductions
- Reminder of our purpose and charge:

Convene an advisory panel to examine the following factors to the use of forest-related materials, agricultural-related materials, and solid woody waste materials for biomass-fired electric generating units.

1. Determine policies in the southeastern United States and other states participating in the PJM regional transmission organization interchange as they relate to the use of biomass for electricity generation. (UVA)
  2. Potential benefits for the Commonwealth's hardwood forest health as a result of using biomass resources for electricity generation. (AP, DOF)
  3. Determine the amount of forest-related materials, agricultural-related materials and solid woody waste materials that can be sustainably consumed annually without disrupting existing markets. (AP, DOF)
  4. Consideration of technological advances in biomass energy generation. (UVA)
  5. A lifecycle carbon analysis, developed in coordination with DEQ and relevant stakeholders, that includes all carbon emissions, including supply chain emissions, forgone sequestration, and the emissions from burning biomass resources for electricity generation. (UVA)
    - What are we modeling?
    - The System Boundary – Representation of Forest and Biomass Power Operation
    - Scenarios Walk Through – Counterfactuals
    - The Cases
- Adjourn
  - Next meeting July 19th