

Solar Panel Recycling Commission Meeting Agenda

Date: March 22, 2021

1:30 pm-3:30 pm

1. Opening Remarks – Karen Kloo, Chairperson, Chief, Bureau of Recycling & Hazardous Waste Management (BRHWM), NJ Department of Environmental Protection (NJDEP)
 - a. Introduce purpose and charge of the New Jersey Solar Panel Recycling Commission Statute
 - b. Role of DEP and Chairperson
 - c. Meeting will be recorded/sharing of resumes
2. Informal Meet & Greet - Please introduce yourself and include your field of expertise, area of interest, how you see yourself contributing to the mission of the statute, and the group you are representing under the area of law.
 - a. Ashia McRae, NJDEP-BRHWM
 - b. Dr. Daniel Clark, NJDEP-BRHWM
 - c. Nicholas Nader, NJDEP-BRHWM
 - d. Nicholas Baier, NJDEP-Bureau of Hazardous waste Compliance & Enforcement
 - e. James Entwistle, Newtech Recycling
 - f. David Thompson, Panasonic
 - g. Joseph Ferrante, Ferrante Law, ANJR Board Member
 - h. Lyle Rawlings, Advanced Solar Products, Inc.
 - i. Christopher Gulics, PSE&G
 - j. Dunbar Birnie, Rutgers University
 - k. Stephanie Lee, Stevens Institute of Technology

3. Topics to be discussed:
 - a. Background of project
 - b. Outlining project scope
 - i. Defining current practices
 - ii. Identifying issues/challenges associated with current practices
 - iii. Ownership of panels
 1. Commercial panels and equipment
 2. Residential panels and equipment
 - c. Identifying short-term and long-term options to manage end-of-life solar panels and equipment – all options should consider impacts to public health and the environment, safety concerns, viability, challenges/barriers, practicality, economics analysis and unknowns requiring further research.
 - i. Reuse/repair/refurbish of damaged and end of life panels
 - ii. Sampling of panels to determine hazardous constituents
 1. Prior to sale and distribution – labeling of panels
 2. At end-of-life
 - iii. Managing solar panels as Universal Waste (UW)
 - iv. Recycling of panels recycled by NJ Class D recycling centers
 1. Identifying downstream markets
 - v. Extended Product Responsibility Program
 1. Funding of Program
 - d. Any known current or near-term innovative options to recycling panels
4. Open Discussion