



**Connecticut Equity and Environmental Justice Advisory Council (CEEJAC)
Waste and Energy & Technology Policy Subcommittee Meeting Minutes
Wednesday, October 23, 2024
3:00 PM-4:00 PM**

This is a public meeting and will be recorded and posted on the [Connecticut Equity and Environmental Justice Advisory Council](#) website.

Disclaimer: Please note this is not a word for word translation.

1. Welcome

Jayson Velazquez started the meeting by welcoming everyone in attendance. He had everyone introduce themselves briefly.

2. Overview of Agenda

3. Battery Storage Presentation, Sara Harari, CT Green Bank

- Sara Harari and her team from the CT Green Bank gave a presentation on solar and storage end-of-life.
- They started the presentation with a brief overview of their organization and their End-of-Life Working Group: <https://www.ctgreenbank.com/eol-working-group/>
- They said people can reach out to them by emailing info@ctgreenbank.com
- Based on the public's request, they also defined the following acronyms throughout their presentation:
 - EOL – End of Life
 - SCEC – Shared Clean Energy Facilities
 - BESS – Battery energy storage system
 - NMC – Nickel Manganese Cobalt
 - LFP - Lithium Iron Phosphate

Questions:

- Diane Lauricella asked for a better explanation, in layman's terms, of what Front-of-meter means vs Back-of-meter?
 - In energy storage solutions they only support behind the meters which means the battery is installed and it mainly provides power to the site. Front of the meter is a larger system that goes directly to the grid and is more like a power plant.

- Theresa Hopkins-Staten asked how many batteries do they have in underserved and low wealth communities?
 - On the residential side they have 550 individual units which include multi-family units... almost 200 are in low-income customers and the rest of the capacity they have approved of is on the commercial side. Sara Harari said there are higher incentives for low income and underserved communities.
- Reggy St Fortcolin asked if on leased properties, is there a value (appraised) of the land before solar panels and after.
 - The CT Green Bank team answered that most of the solar they are talking about is rooftop.
- Tom Metzner from CT DEEP asked for clarification: When they talk about something being revenue positive or not for recovery his concern is that there are valuable things in solar panels that would make the whole thing valuable. Is this driven by one or two valuable materials and are the other materials recycled or thrown out? Tom also shared how technologies change and what is valuable today might not be different.
 - Andrew from the CT Green Bank team responded by stating there has been an evolution in recycling. He explained how there are organizations that engage in downcycling (low-grade recycling) while others are using processes like smelting to recover these materials (for solar panels its silver and copper). Over time what is happening is that companies are trying to recycle every component of the solar panel. The glass is 70-80% of the panel by weight therefore when they talk about tons of panels they are mostly talking about glass. The good news about glass is that SolarCycle built a factory in Georgia to recycle glass. There are other companies burning the glass to melt products and recover the materials, but they don't want that to happen so this is a complete evolution and the state of recycling three years ago vs. three years from now is going to be completely different but there's a lot of innovation going that will eventually help recycle everything in the solar panel.
- Kevin Ayala asked if we can we make sure this presentation is sent to all attendees or at least a download link at the conclusion this meeting.
 - Doris from CT DEEP responded by sharing how the CEEJAC webpage will have the meeting materials posted on there.

4. Upcoming Meetings

- Energy & Technology
 - Public Utilities Regulatory Agency (PURA) 101 w/Chair Marissa Gillett
 - Wed, November 20, 2024, 3:00-4:00 PM

Full List of Registrants:

Sarah Huang	Doris Johnson good	Yousheng Mao
Florencia Bugatti	doris johnson	ROBYN NICHOLS
Jhoni Ada	Lissette Andino	Michael Icart

Paul Aresta
Kathleen Young
Jaimeson Sinclair
Jelani Fletcher
Keyana White
Leslie Downey
Jocelyn Phung
Fleur Delacroix
Adrienne Houel
Kay Lehoux
Kay Lehoux
Eric Hammerling
Ian McDonald

Mike Caplan
lynne bonnett
Donna Veach
Kelvin Ayala
Christy Duffy-Acevedo
Luke Daniel
Alissa Bullard Bumstead
Avi Lipsitz
Andrew Kinross
Ed Kranich
Jacquelyn Torres
Sara Harari
Jayson Velazquez

Aziz Dehkan
Sara Pyne
Tom Metzner
Theresa Hopkins-Staten
Scott Redfern
Diane Lauricella
Paul O Robertson
Charles Rothenberger
Tenaya Taylor
Mark Mitchell MD
Reggy St Fortcolin