

2nd Annual Clean and Sustainable Energy Summit

September 26, 2019

Montclair State University

University Hall, 7th Floor

Montclair, New Jersey

Agenda

The Clean Energy and Sustainability Analytics Center (CESAC) at Montclair State University is organizing its Second Annual Clean and Sustainable Energy Summit with the objective of facilitating dialogue for the development and execution of New Jersey's plan for a clean and sustainable energy future. The Summit will provide a venue for informed participant-driven discussion on clean energy and sustainability in the State of New Jersey and beyond.

This summer, the state released the draft New Jersey Energy Master Plan (EMP) outlining the current energy sector and a strategic pathway towards its future in terms of energy production, distribution, consumption, and conservation. The draft EMP outlines rigorous goals spanning multiple sectors and governmental agencies to reach 100% clean energy and 80% emissions reduction in the state by 2050. In addition to carbon-neutral electricity generation and reduced overall energy consumption, the EMP strategies also address the clean energy economy, modernization of the electricity grid, and support environmental justice. The plan also includes innovations in the energy market, such as coastal wind power, which has recently been adopted and will be a significant part of clean energy in New Jersey. The EMP will act as a dynamic, guiding document for the State over the next thirty years as we work towards a sustainable and resilient future, and as such, it can be amended to address new technologies and new strategies for decarbonization. To this end, CESAC plans to use this Summit to gather relevant stakeholders together and discuss the benefits and challenges associated with the EMP and other clean energy issues, using panel discussions, presentations, and keynote and welcome addresses.

Since the founding of CESAC in June 2018, the Center has continued efforts to advance the sustainable clean energy economy by providing research, analysis, education, and outreach on policies, technology, and practices. The Center's approach is rooted in objective analyses, using science-based environmental and economic models that can be used for energy and environmental planning. Researchers at CESAC are developing and refining a suite of economic models for the New Jersey Board of Public Utilities to assist in the assessment of various clean energy programs and options under development of the Clean Energy Act, including economywide models, and an integrated energy, economic, and environmental model. The Center is also working on assessing the impacts of potential leakage from New Jersey rejoining the Regional Greenhouse Gas Initiative (RGGI). We hope that our annual summit this year will be invaluable for the evolution of New Jersey's Energy Master Plan, and that together we can move New Jersey closer to a clean energy future.

8:00 – 9:00 AM

Check-in, Breakfast and Networking

9:00 – 10:00 AM

Welcome Remarks

Lora Billings, Dean, College of Science and Mathematics.

Susan A. Cole, President, Montclair State University.

Keynote Address: Bob Gordon, Commissioner, New Jersey Board of Public Utilities.

10:00 – 11:15 PM

Session 1: Wind Energy: Challenges and Opportunities in New Jersey

Moderator: Jane Cohen, Policy Advisor, Office of Governor Phil Murphy.

Presenters:

- Brian Sabina, Senior Vice President of Economic Transformation, New Jersey Economic Development Authority.
- Kris Ohleth, Senior Stakeholder Relations Manager for U.S. Offshore Wind Division, Ørsted.
- Sara Bluhm Gibson, Director Division of Clean Energy, New Jersey Board of Public Utilities.
- Doug O'Malley, Director, Environment New Jersey.

In this session, we will explore what vibrant offshore wind market means for industry, jobs, and economy in the state, collaboration and coordination opportunities across the public and private sectors, the impact on residents and the environment, and other related issues and opportunities.

11:15 – 11:30 AM

Coffee Break & Poster Session

11:30 AM – 12:30 PM

Session 2: Modelling Clean Energy Policy Transition

Moderator: Ben Witherell, Chief Economist, New Jersey Board of Public Utilities.

Presenters:

- Prakash Thimmapuram, Group Manager, Advanced Grid Modeling-Planning, Operations, & Controls, Argonne National Laboratory.
- Robert Kettig, Bureau Chief, Energy and Sustainability, New Jersey Department of Environmental Protection.
- Dileep Birur, Associate Director, Clean Energy and Sustainability Analytics Center.

12:30 – 1:30 PM

Lunch & “Keep Our Planet Green” K-12 Artwork Contest

1:30 PM – 2:45 PM

Session 3: Can Regional Markets Address Climate Change?

Moderator: Cynthia Holland, Director Office of Federal and Regional Policy, New Jersey Board of Public Utilities.

Presenters:

- Gary Helm, Lead Market Strategist, PJM Interconnection.
- Raymond Depillo, Senior Director-Market Development, PSEG.
- Tom Rutigliano, Senior Advocate, Natural Resources Defense Council.

This session will discuss energy economy transition and modernization of energy infrastructure pathways in the state of New Jersey in a way that is reliable, achievable, and sustainable. The discussion will focus on the future changes to the regional markets or new regions of states collaborating in creative and different ways or even states going solo.

2:45 – 3:00 PM

Coffee Break & Poster Session

3:00 – 4:15 PM

Session 4: Making Clean Energy Accessible and Affordable

Moderator: Upendra Chivukula, Commissioner, NJ Board of Public Utilities.

Presenters:

- Barbara Blumenthal, Research Director, New Jersey Conservation Foundation.
- Anthony Bevacqua, Research Associate, Clean Energy and Sustainability Analytics Center.
- Cathleen Lewis, Outreach Coordinator Office of Clean Energy, New Jersey Board of Public Utilities.
- Eric Benson, Campaign Director, Clean Water Action.

Increasing access and building community acceptability is important for the state’s clean energy priorities. This session highlights some of the efforts being taken by the state and industry to serve these vulnerable populations, and to ensure that the clean energy program will benefit all State residents.

4:15 PM

Closing Remarks

Pankaj Lal, Director, Clean Energy and Sustainability Analytics Center.