

# Clean and Sustainable Energy Summit 2021

Hosted by the Clean Energy and Sustainability Analytics Center  
(CESAC) of Montclair State University



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University Hall, 7<sup>th</sup> Floor  
Montclair State University  
Montclair, New Jersey  
September 23

**CESAC**  
presents

# Clean & Sustainable Energy Summit 2021

**Montclair  
State  
University**

## Agenda

The Clean Energy and Sustainability Analytics Center (CESAC) at Montclair State University is organizing its 3rd Annual Clean and Sustainable Energy Summit, which aims to facilitate dialogue for the development and execution of New **Jersey's** plan for a clean and sustainable energy future.

This summit will provide a venue for informed participant-driven discussion on clean energy and climate change policies as economies begin to recover from the COVID-19 pandemic. This **year's** themes cover a broad range of topics and are featured in our five major sessions, which focus on offshore wind power, the Regional Greenhouse Gas Initiative (RGGI), new policies on solar power, transportation emissions and electric vehicle infrastructure, and energy equity and environmental justice. In support of K-12 education, the summit is again hosting the Keep Our Planet Green artwork contest, which showcases artwork from New Jersey students and teachers for a chance to win prizes. Further, CESAC researchers will be showcasing their work during a poster session, highlighting various clean energy and sustainable development initiatives and projects.

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 analysis, using science-based environmental and economic techniques for energy and environmental planning. Our work aims to provide real-world insights to regulators, businesses, and the general public. While the center fosters faculty and student research in the area of clean energy and sustainability analytics, one of our key focus is to facilitate collaborative discussion between energy stakeholders and policy makers. We hope that our annual summit this year will be invaluable opportunity to address the evolving clean energy transition in New Jersey and beyond, and that together we can move the state closer to a clean energy future.

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8:00 AM – 9:00 AM	Check in, Breakfast, and Networking
9:00 AM – 10:00 AM	<p>Welcome Remarks</p> <p>Pankaj Lal, Director, Clean Energy and Sustainability Analytics Center  Lora Billings, Dean, College of Science and Mathematics  Jonathan Koppell, President, Montclair State University  Keynote Address: Joseph Fiordaliso, President New Jersey Board of Public Utilities</p>
10:00 AM – 11:15 AM	<p>Session 1: Offshore Wind Power: Transforming Vision into Reality</p> <p>Moderator: Christine Sadovy, Chief of Staff New Jersey Board of Public Utilities</p> <p>Presenters:</p> <p>Evan Weiss, Senior Advisor to the Governor - Finance and Infrastructure, Office of the Governor State of New Jersey  Jim Ferris, Bureau Chief of New Technology, Clean Energy Division, New Jersey Board of Public Utilities  Jenifer Becker, Managing Director, Wind Institute, New Jersey Economic Development Authority  Davon McCurry, New Jersey Deputy Head of Government and Market Affairs, Ørsted  Doug Copeland, Development Manager, Atlantic Shores  Damian Bednarz, Managing Director, EnBW North America</p> <p><i>Billions of dollars in new investments, robust commitments from various states, and support from the federal government have created a conducive environment for making offshore wind a commercial reality. This session will explore recent developments in the offshore wind industry in the region, current and planned projects by leading offshore wind energy developers, offshore wind supply chains, job creation and workforce development, grid interconnection, economic development, community engagement, and public-private partnership issues.</i></p>
11:15 AM – 11:30 AM	Coffee Break & CESAC Poster Session
11:30 AM – 12:30 PM	<p>Session 2: Impacts of RGGI and Paths Forward</p> <p>Moderator: Benjamin Witherell, Chief Economist, New Jersey Board of Public Utilities</p> <p>Presenters:</p> <p>Andrew McKeon, Executive Director, RGGI Inc.  Gary Helm, Lead Market Strategist, PJM Interconnection  Kimberly Scarborough, Manager – SGA Operations &amp; Planning, Public Service Enterprise Group  Dileep Birur, Associate Director, Clean Energy and Sustainability Analytics Center</p> <p><i>Description continued on <b>next page...</b></i></p>

11:30 AM – 12:30 PM

## Session 2: Impacts of RGGI and Paths Forward

*After an 8-year hiatus, New Jersey re-joined the pollution-cutting Regional Greenhouse Gas Initiative (RGGI) market-based program in 2020. After the June 2021 CO2 auction, NJ has been allocated a total of \$139.7 million towards clean energy investment and GHG reduction strategies. This session **will discuss the state's plans for development and implementation, as well as the recent developments in RGGI, including the implications of Virginia joining early this year, and Pennsylvania potentially joining in the future. Further, this session will reflect on the path ahead, including impacts on the US economy if the European Union implements its plan on a border carbon adjustment mechanism.***

12:30 PM – 1:30 PM

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

*New Jersey is the first state in the nation to make climate change education **required for all grade school students starting September 2021. We've invited K-12 teachers to submit their students' artwork based on a vision of the future running on clean and sustainable energy.***

1:30 PM – 2:30 PM

## Session 3: Solar Power and Policy Paradigm

Moderator: Commissioner Bob Gordon, New Jersey Board of Public Utilities  
Presenters:

Ariane Benrey, Program Administrator & Policy Analyst, New Jersey Board of Public Utilities

Mark Valori, Vice President, New Jersey Resources Clean Energy Ventures

Raymond Cantor, Vice President Government Affairs, New Jersey Business & Industry Association

Sydney Oluoch, Research Fellow, Clean Energy and Sustainability Analytics Center

*During the pandemic, both residential and utility scale solar installations in the US soared by 25% to reach a total capacity of 97.2 GW. In New Jersey, **solar power provides 5% of state's electricity and it is projected to reach 34% by 2050. To support this, Governor Murphy recently signed key legislation that established a successor to the NJBPU solar renewable energy certificate program, which includes a solicitation process for solar power generation facilities and dual-use solar project pilot programs for unreserved farmland. This session will discuss how these policies and development in the solar sector can help expand solar energy in the state and advance efforts to achieve 100% clean energy.***

2:30 PM – 2:40 PM

## Coffee Break & CESAC Poster Session

2:40 PM – 3:40 PM

## Session 4: Electric Vehicles and Reducing Transportation Emissions

Moderator: Robert Kettig, Assistant Director, Air Quality, Energy and Sustainability, New Jersey Department of Environmental Protection

*Continued on **next page...***

2:40 PM – 3:40 PM

## Session 4: Electric Vehicles and Reducing Transportation Emissions

Presenters:

Cathleen Lewis, E-Mobility Program Manager, New Jersey Board of Public Utilities

Peg Hanna, Assistant Director, Air Monitoring and Mobile Sources, New Jersey Department of Environmental Protection

Pam Frank, Chief Executive Officer, ChargeEV- New Jersey and Vice President Gabel Associates

Brian Lipman, Acting Director, Division of the Rate Counsel

Kate Miguel, Clean Energy Advocate, Isles Inc.

*The transportation sector is a leading source of GHG emissions, contributing about 42% of total emissions in New Jersey and 28% in the US. This session will deliberate on the prospects and challenges of transitioning vehicles in New Jersey and more broadly, and the barriers to more widespread adoption of EVs. Further, this session will explore policy, industry, and sector developments that may help accelerate the transition towards an electrified transportation sector, including various incentives for EV manufacturing and adoption.*

3:40 PM – 3:50 PM

Coffee Break & CESAC Poster Session

3:50 PM – 4:45 PM

## Session 5: Environmental Justice and Clean Energy Equity

Moderator: Commissioner Upendra Chivukula, New Jersey Board of Public Utilities

Presenters:

Crystal Pruitt, Deputy Director for Clean Energy Equity, New Jersey Board of Public Utilities

Karen Reif, Vice President, Renewable & Energy Solutions, Public Service Enterprise Group

Nathanael Gillespie, Senior Manager, Customer Solutions-Energy Efficiency Portfolio & DER Interconnection, Exelon

Anne-Marie Peracchio, Director Conservation and Clean Energy, New Jersey Natural Gas

Renee Koubiadis, Anti-Poverty Program Director, New Jersey Citizen Action

*In 2020, New Jersey introduced the comprehensive Environmental Justice Law to recognize overburdened communities. This session highlights some of these new developments addressing the energy and environmental needs of vulnerable communities. The session will also address the potential energy **savings from New Jersey's framework for energy efficiency and peak-demand reduction programs**, and how these efficiency goals benefit low- and moderate-income communities. During the COVID19 pandemic, nearly two-thirds of New Jerseyans had difficulty in paying utility bills. Many states (including New Jersey) implemented disconnection moratoriums to have continued supply of these utilities; this session will also shed light on the impacts of ending utility moratoriums in the state.*

4:50 PM

Closing Remarks

Pankaj Lal, Director, Clean Energy and Sustainability Analytics Center

# Agenda at a glance



**MONTCLAIR STATE**  
UNIVERSITY

**Clean Energy and Sustainability  
Analytics Center (CESAC)**

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1:30 PM – 2:30 PM	Session 3: Solar Power and Policy Paradigm
2:30 PM – 2:40 PM	Coffee Break & CESAC Poster Session
2:40 PM – 3:40 PM	Session 4: Electric Vehicles and Reducing Transportation Emissions
3:40 PM – 3:50 PM	Coffee Break & CESAC Poster Session
3:50 PM – 4:45 PM	Session 5: Environmental Justice and Clean Energy Equity
4:50 PM	Closing Remarks

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