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ANNUAL MEETING 2020

Tuesday, December 8
Zoom Meeting
3:00 - 5:30 PM

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Agenda

3:00 - 3:20 p.m. - Welcome and Industry Overview

3:20 - 4:05 p.m. - Breakout Groups

4:05 - 5:00 p.m. - Panel Discussion: Clean Energy in the Northeast Under a Biden-Harris Administration

5:00 - 5:30 p.m. - Virtual Networking Session

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Thank you!

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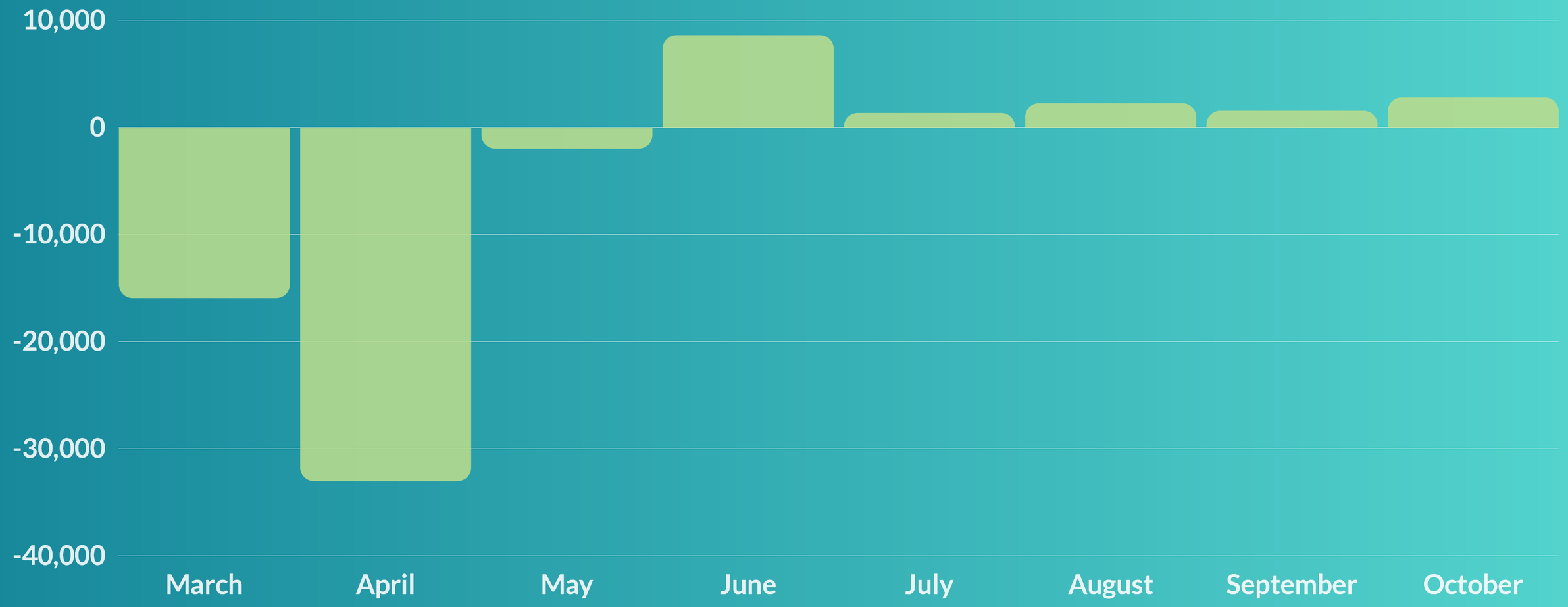
Northeast Clean Energy Jobs

Pre-COVID: New England + New York had 388,000 Clean Energy Jobs



Source: BW Research Partnership Report "Clean Energy Employment Initial Impacts from the COVID-19 Economic Crisis, October 2020" to E2, E4TheFuture, American Council on Renewable Energy

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Northeast Clean Energy Jobs

Massachusetts

Job Loss March - May: 19,649
Job Growth June - October: 6,680
Total Losses: 12,968

Maine

Job Loss March - May: 2,194
Job Growth June - October: 487
Total Losses: 1,706

New York

Job Loss March - May: 20,722
Job Growth June - October: 7,393
Total Losses: 13,329

Rhode Island

Job Loss March - May: 3,886
Job Growth June - October: 856
Total Losses: 3,029

Source: BW Research Partnership Report "Clean Energy Employment Initial Impacts from the COVID-19 Economic Crisis, October 2020" to E2, E4TheFuture, American Council on Renewable Energy

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Northeast Clean Energy Deployment

Wind

- 4,626 MW offshore contracted
- RI proposed 600 MW new offshore
- NY proposed 2,500 MW new offshore
- ME announces nation's first floating offshore research farm

Solar

- 6,917 MW Installed
- 313,842 Installations
- 27,239 Jobs

Energy Storage

- MA finalized regulations for nation’s first clean peak standard
- NY has 1,000+ MW in line for distribution utility interconnection

Energy Efficiency 2019 Rankings

#1 Massachusetts
#3 Rhode Island
#3 Vermont
#5 New York
#6 Connecticut
#15 Maine
#20 New Hampshire

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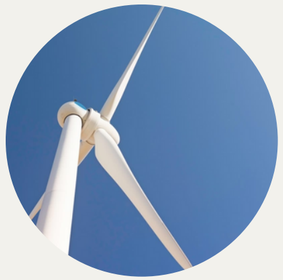
Northeast Clean Energy Headlines



CommonWealth
NONPROFIT JOURNAL OF POLITICS, IDEAS & CIVIC LIFE

Mass. Clean Energy Center Needs More Funding, January 11, 2020

The Providence Journal

Raimondo Orders 100% Clean Electricity in R.I. by 2030, January 17, 2020

The New York Times

Oil Companies Are Collapsing, but Wind and Solar Energy Keep Growing, April 7, 2020

90.9 wbur
BOSTON'S NPR® NEWS STATION

Racial Justice is Climate Justice: Why the Climate Movement Must Be Anti-Racist, June 9, 2020

Portland Press Herald

Gov. Mills Plans Nation's 1st Floating Offshore Wind Farm for Research, November 20, 2020

The Boston Globe

Biden's Administration Should Charge Up the Offshore Wind Industry, November 22, 2020

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Innovation Programs

Cleantech Open Northeast

- Largest cohort ever: **47** startups matched with **175** mentors
- Regional winner, **Polycarbin**, and regional finalist, **CLIP**, named National Finalists at Cleantech Open Global Forum
- Since launching in 2005, 68% of CTONE startups are still in business and:
  - Employ 3,300+ people
  - Generated nearly $280 million in revenue
  - Raised more than $650 million in funds.

Cleantech Navigate Northeast

- Scouted deal flow for the program's utility and corporate sponsors
- Facilitated 400+ targeted connections for startups, investors, and corporate strategics
- Hosted signature webinar series on Investment and Corporate Partner Readiness
- Continued expanding network throughout North America and began engaging with key European players

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Strategic Partner Network

2020 Innovation Summits

- Clean Transportation
- Hydrogen
- Cleantech Finance
- Buildings

2021 Innovation Summits

- Clean Transportation
- Buildings
- Cleantech Finance
- Offshore Wind

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Diversity, Equity, and Inclusion & Environmental Justice

At NECEC, we are working towards building a clean energy future that addresses historic inequalities and benefits all communities equally.

- Working to ensure a more inclusive clean energy transition that prioritizes equitable and just access for underserved populations.
- Supporting critical work to increase opportunities for Black and Brown people and women of all backgrounds to join the clean energy industry.
- Forging partnerships with Environmental Justice communities to build models that will help us achieve a more inclusive industry.

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Policy Priorities

NECEC 2021 Policy Priorities

- Support states and communities in their big picture clean energy and climate goals and targets for 2030.

- Fully incorporate Diversity, Equity, Inclusion and Environmental Justice goals into all policy advocacy work.

- Focus areas:
  - Infrastructure and system planning
  - Transportation
  - Large-scale generation
  - Energy efficiency
  - Wholesale market reform
  - Distributed energy
  - Electrification of buildings/renewable thermal

Market Priorities

NECEC 2021 Market Priorities

- Fully incorporate Diversity, Equity, Inclusion and Environmental Justice goals into all market priorities.

- Market areas:
  - Wholesale electricity market reform and interconnection
  - Clean transportation
  - Offshore wind
  - Modernizing the grid
  - Building electrification and decarbonization of heating and cooling
  - Green hydrogen economy
  - DER: Solar, storage, microgrids, and flexible demand
  - Grid-scale storage

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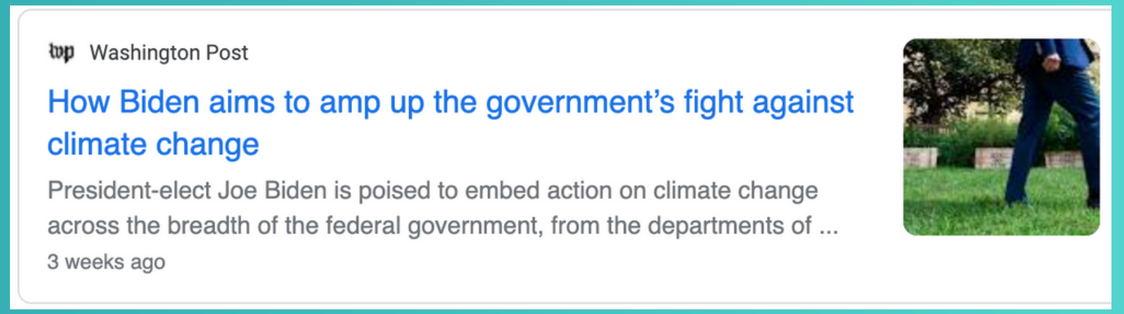
2020s & Climate Urgency

The climate crisis gained national attention in 2020 with California wildfires, Gulf Coast storms, and presidential debates on climate and clean energy issues.

- Polls show most Americans are now concerned about the impacts of climate change, with 82% of voters somewhat or strongly supporting a transition to 100% clean energy.
- There is new hope at the federal level for new investments in clean energy resources and infrastructure.
- The 2020s will be critical to scale successful models for the transition to a carbon-free economy that limits emissions and avoids worst consequences of climate change.



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Decade of Action

NECEC's Decade of Action Goals

Expansion of Existing Functions:

- Enhancing NECEC's policy and regulation framework
- Growing the innovation ecosystem
- Proving clean energy market models

Establishing New Capability:

- Creating a global clean energy best practices network

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Breakout Groups: 3:20 - 4:05 p.m.

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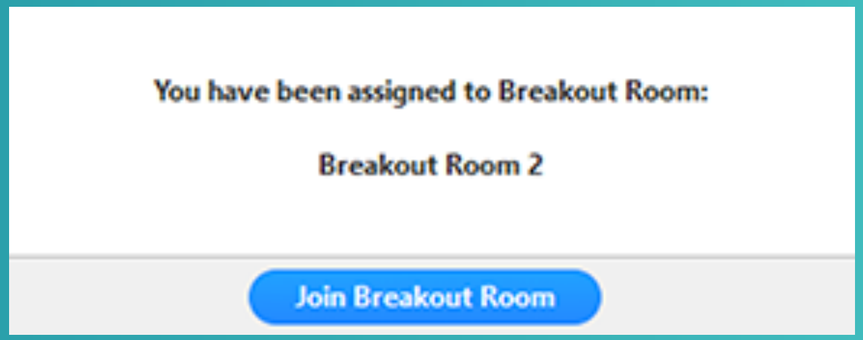

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Panel Discussion: Clean Energy in the Northeast Under a Biden-Harris Administration

Moderated by Dan Bosley
Government Affairs Executive
NECEC

Alicia Barton
CEO
FirstLight Power

Kevin Knobloch
President of Federal Policy
Anbaric

David Cash
Dean of UMass Boston
McCormack Graduate School

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Networking Session

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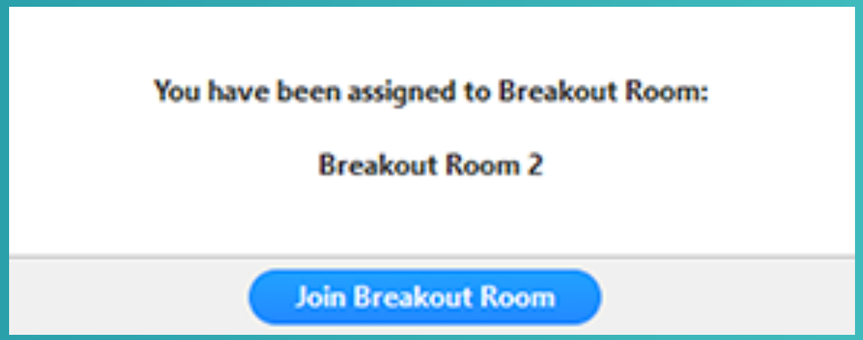

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