

# Comprehensive Energy Plan/Vermont Climate Council Cross-Sector Mitigation Subcommittee Electricity Sector Technical Workshop

August 10<sup>th</sup>, 2021 10am-2pm

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*Hosted by the Department of Public Service (PSD) in partnership with members of the Cross-Sector Mitigation (CSM) Subcommittee of the Vermont Climate Council*

## **Location:**

This meeting will be primarily hosted remotely via Zoom, although we will also have an in-person location available at the Department of Public Service

## Remote Attendees:

Join Zoom Meeting: <https://us02web.zoom.us/j/6050832511>

To join by phone, dial 929-205-6099. Meeting ID: 605 083 2511#

## In-person option:

Department of Public Service, 112 State Street in Montpelier, Giga Meeting Room Third Floor

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## **Objectives**

Gather input on electric sector policies, programs, and strategies currently in place or that should be in place with an eye toward:

- Trade-offs made when assessing policy options and the basis for those trade-offs
  - What decision-making criteria should be used to make such trade-offs?
  - How should these criteria be employed in the context of making choices regarding the State's energy future?
- Strategies, policies, and programs that are (or are not) working to meet renewable energy and climate goals in the electric sector?
  - Recommendations regarding alternatives to consider (ex. Climate Council policy drafts)
  - How to address equity in the sector/what is currently being done and/or planned to address
  - Strategies and options for regions and municipalities to employ

## **Draft Agenda**

10:00 Welcome and Introductions (Ed McNamara, Liz Miller)

Introduction of Staff/Facilitator/Guests

Objectives for the Workshop

10:05 Review Agenda, Forum Etiquette Guidelines and Zoom Logistics (Cindy Cook)

10:10 Overview of CEP/CAP Development Process

- CEP/CAP process to date and where going, including how plans interact (Ed McNamara, Jane Lazorchak)
- Questions re CEP/CAP Process (Cindy Cook, Ed McNamara, Jane Lazorchak)

10:25 State of the State presentation (Ed McNamara)

- Where are we now and where are trying to get to regarding renewable electricity requirements, programs, and emissions

10:45 Session I: Equity in Renewable Energy Policy

- Nadia Marquez Pabst, Woolmington, Campbell, Bent & Stasny, PC
- Aleecia Gutierrez, California Energy Commission
- Facilitated Q&A and Discussion

11:45 Break

12:00 Session II: Design Considerations for 100% Renewable Energy Standard (RES) in Vermont

- Liz Miller, CSM Subcommittee Task Lead: Proposed Recommendations/Considerations Facilitated Discussion Regarding 100% RES Design Considerations
  1. What are the key design parameters/considerations/issues when designing a 100% RES policy? Potential issues include:
    - *Mechanisms to support equitable access to renewable energy*
    - *Supporting existing versus new resources*
    - *In-state versus out-of-state generation*
    - *Supporting generation of all sizes (ex. small scale distributed energy resources (DERs) versus utility-scale/larger DERs)*
      - *Scale of deployment*
      - *Energy storage (both short and long duration)*
    - *Time scale on which renewability is measured (ex, annual, quarterly, monthly, hourly)*
      - *Incentivizing resources to deliver when needed (e.g., during peak hours, noting that these are likely to shift over time; seasonal needs such as winter loads; how storage may fit in)*
    - *Siting, including environmental, community, and transmission system considerations*
    - *Carbon impact of resources; what source/criteria are utilized*
      - *Informed by GHG inventory recommendations*
    - *Timeline for reaching 100%*
    - *Other?*
  2. When assessing each design parameter, what criteria should be used to make decisions between choices?
  3. What key issues can/should be addressed in a RES and what should be addressed with supporting policies or programs (e.g., changes to existing programs or new tools for renewable energy deployment)?
- Patrick Woodcock, Commissioner, Massachusetts Department of Energy Resources: Planning for 100% Clean Energy Facilitated Discussion Regarding 100% RES Design Considerations
  1. Revisiting the three key questions above:
    - What are the key design parameters/considerations/issues when designing a 100% RES policy?
    - When assessing each design parameter, what criteria should be used to make decisions between choices?
    - What key issues can/should be addressed in a RES and what should be addressed with supporting policies or programs (e.g., changes to existing programs or new tools for renewable energy deployment)?
  2. Did the presentation from Massachusetts change your thinking on any topics already discussed?

1:55 Summary, Next Steps and Future Opportunities for Additional Input

2:00 Adjourn